

● Department of the Army

FY 1997

Budget Estimates

Military Construction, Family
Housing, & Homeowners Assistance
● Program



● Justification Data Submitted to Congress
March 1996

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19960412 099

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
California		Concord Naval Weapons Sta (MTMC)			3
	44171	Ammunition Pier	27,000	27,000	5
		Subtotal Concord Naval Weapons Sta PART I	\$ 27,000	27,000	
		Camp Roberts (FORSCOM)			9
	31758	Power Systems Upgrade	5,500	5,500	11
		Subtotal Camp Roberts PART I	\$ 5,500	5,500	
		* TOTAL MCA FOR California	\$ 32,500	32,500	
Colorado		Fort Carson (FORSCOM)			17
	46747	Whole Barracks Complex Renewal Ph II	13,000	13,000	19
		Subtotal Fort Carson PART I	\$ 13,000	13,000	
		* TOTAL MCA FOR Colorado	\$ 13,000	13,000	
District of Columbia		Fort McNair (MDW)			25
	45372	National Defense University Fac Phase II	6,900	6,900	27
		Subtotal Fort McNair PART I	\$ 6,900	6,900	
		* TOTAL MCA FOR District of Columbia	\$ 6,900	6,900	
Georgia		Fort Benning (TRADOC)			33
	30928	Rail Loading Facility	9,400	9,400	35
	46750	Whole Barracks Complex Renewal	44,000	44,000	38
		Subtotal Fort Benning PART I	\$ 53,400	53,400	
		Fort Stewart (FORSCOM)			41
	42250	Close Combat Tactical Training Building	6,000	6,000	43
		Subtotal Fort Stewart PART I	\$ 6,000	6,000	
		* TOTAL MCA FOR Georgia	\$ 59,400	59,400	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Kansas		Fort Riley (FORSCOM)			49
	10537	Whole Barracks Complex Renewal	26,000	26,000	51
		Subtotal Fort Riley PART I	\$ 26,000	26,000	
		* TOTAL MCA FOR Kansas	\$ 26,000	26,000	
Kentucky		Fort Campbell (FORSCOM)			57
	12967	Rail Spur	16,100	16,100	59
	46739	Whole Barracks Complex Renewal Ph II	35,000	35,000	62
		Subtotal Fort Campbell PART I	\$ 51,100	51,100	
		* TOTAL MCA FOR Kentucky	\$ 51,100	51,100	
Texas		Fort Hood (FORSCOM)			67
	40624	Close Combat Tactical Training Building II	5,900	5,900	69
	46299	Whole Barracks Complex Renewal Ph II	35,000	35,000	72
		Subtotal Fort Hood PART I	\$ 40,900	40,900	
		* TOTAL MCA FOR Texas	\$ 40,900	40,900	
Washington		Fort Lewis (FORSCOM)			77
	40875	Readiness Deployment Facility	3,600	3,600	79
	41545	Whole Barracks Complex Renewal	49,000	49,000	82
	44426	Tank Trail Erosion Mitigation-Yakima	2,000	2,000	85
		Subtotal Fort Lewis PART I	\$ 54,600	54,600	
		* TOTAL MCA FOR Washington	\$ 54,600	54,600	
		** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 284,400	284,400	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Italy		Camp Ederle (USAREUR)			89
		Camp Ederle			
	43910	Upgrade Water System	3,100	3,100	91
		Subtotal Camp Ederle PART I	\$ 3,100	3,100	
		* TOTAL MCA FOR Italy	\$ 3,100	3,100	
Korea		Korea Various (EUSA)			97
		Eastern Corridor			
		Combined Field Army			
	44591	Whole Barracks Complex Renewal	14,000	14,000	99
		Eastern Corridor			
	44592	Whole Barracks Complex Renewal	16,000	16,000	102
		Subtotal Korea Various PART I	\$ 30,000	30,000	
		* TOTAL MCA FOR Korea	\$ 30,000	30,000	
Overseas Various		Classified Location (FORVAR)			107
		Classified Location			
	23196	Strategic Logistical Prepo Complex Ph II	64,000	64,000	109
		Subtotal Classified Location PART I	\$ 64,000	64,000	
		* TOTAL MCA FOR Overseas Various	\$ 64,000	64,000	
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			\$ 97,100	97,100	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
WORLDWIDE

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
	NUMBER	PROJECT TITLE			
Worldwide Various		Worldwide Various Locations (WORLDWD)			115
	47018	Classified Project	4,600	4,600	117
		Subtotal Worldwide Various Locations PART I	\$ 4,600	4,600	
		Minor Construction (MINEXG)			119
	34126	Unspecified Minor Construction	5,000	5,000	121
		Subtotal Minor Construction PART I	\$ 5,000	5,000	
		Planning and Design (PLANDES)			123
	28535	Host Nation Support	20,000	20,000	125
	34128	Planning and Design	23,623	23,623	127
		Subtotal Planning and Design PART I	\$ 43,623	43,623	
		* TOTAL MCA FOR Worldwide Various	\$ 53,223	53,223	
		** TOTAL WORLDWIDE FOR MCA	\$ 53,223	53,223	
		MILITARY CONSTRUCTION (PART I) TOTAL	\$ 434,723	434,723	

FY 97 MCA Construction Projects
Printed 01/25/96 at 07.22.06

State -----	Location -----	Project -----	Cost (\$000) -----	New/ Current -----
Inside The United States				
California	Concord Naval Weapons Sta	Ammunition Pier	27,000	C
California	Camp Roberts	Power Systems Upgrade	5,500	C
Colorado	Fort Carson	Whole Barracks Complex Renewal Ph II	13,000	C
District of Columbia	Fort McNair	National Defense University Fac Phase II	6,900	C
Georgia	Fort Benning	Rail Loading Facility	9,400	C
Georgia	Fort Benning	Whole Barracks Complex Renewal	44,000	C
Georgia	Fort Stewart	Close Combat Tactical Training Building	6,000	N
Kansas	Fort Riley	Whole Barracks Complex Renewal	26,000	C
Kentucky	Fort Campbell	Rail Spur	16,100	C
Kentucky	Fort Campbell	Whole Barracks Complex Renewal Ph II	35,000	C
Texas	Fort Hood	Close Combat Tactical Training Building II	5,900	N
Texas	Fort Hood	Whole Barracks Complex Renewal Ph II	35,000	C
Washington	Fort Lewis	Readiness Deployment Facility	3,600	C
Washington	Fort Lewis	Whole Barracks Complex Renewal	49,000	C
Washington	Fort Lewis	Tank Trail Erosion Mitigation-Yakima	2,000	C
Outside The United States				
Italy	Camp Ederle	Upgrade Water System	3,100	C
Korea	Combined Field Army	Whole Barracks Complex Renewal	14,000	C
Korea	Eastern Corridor	Whole Barracks Complex Renewal	16,000	C
Overseas Various	Classified Location	Strategic Logistical Prepo Complex Ph II	64,000	N
Worldwide Various				
Worldwide Various	Minor Construction	Unspecified Minor Construction	5,000	
Worldwide Various	Planning and Design	Host Nation Support	20,000	
Worldwide Various	Planning and Design	Planning and Design	23,623	
Worldwide Various	Classified US Loc, US Various	Classified Project	4,600	
Total Cost of New Mission projects			(6)	\$ 107,000
Total Cost of Current Mission projects			(16)	\$ 274,500
Total Cost of other line items			(4)	\$ 53,223
Total Cost of FY 97 MCA Projects			(23)	\$ 434,723

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DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 1997

INSTALLATION LIST

<u>INSTALLATION</u>		<u>MACOM</u>	<u>1390 PAGE</u>
	<u>B</u>		
Fort Benning		TRADOC	33
	<u>C</u>		
Fort Campbell		FORSCOM	57
Fort Carson		FORSCOM	17
Classified Location		FORVAR	107
Concord Naval Weapons Sta		MTMC	3
	<u>H</u>		
Fort Hood		FORSCOM	67
	<u>I</u>		
Italy - Camp Ederle		USAREUR	89
	<u>K</u>		
Korea Various		EUSA	97
	<u>L</u>		
Fort Lewis		FORSCOM	77
	<u>M</u>		
Fort McNair		MDW	25
Minor Construction		MINEXG	119
	<u>P</u>		
Planning and Design		PLANDES	123

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 1997

INSTALLATION LIST

<u>INSTALLATION</u>		<u>MACOM</u>	1390 <u>PAGE</u>
	<u>R</u>		
Fort Riley		FORSCOM	49
Camp Roberts		FORSCOM	9
	<u>S</u>		
Fort Stewart		FORSCOM	41
	<u>W</u>		
Worldwide Various Locations		WORLDWD	115

DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 1997

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
 <u>INSIDE THE UNITED STATES</u>		
US Army Forces Command	197,100	197,100
US Army Military District of Washington	6,900	6,900
Military Traffic Management Command	27,000	27,000
US Army Training and Doctrine Command	53,400	53,400
 <u>OUTSIDE THE UNITED STATES</u>		
Eighth United States Army	30,000	30,000
Various US Army Major Commands-Foreign	64,000	64,000
US Army Europe and Seventh Army	3,100	3,100
 <u>WORLDWIDE</u>		
Military Construction, Army-Minor	5,000	5,000
Planning and Design	43,623	43,623
Ass't Chief of Staff For Installation Mgmt	4,600	4,600
 TOTAL	 434,723	 434,723

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MILITARY CONSTRUCTION, ARMY

The military construction program for the active Army shown in the schedules of this title is summarized in the following tabulation:

<u>FISCAL YEAR</u>	<u>MILITARY CONSTRUCTION, ARMY APPROPRIATION</u>
FY 1995	\$ 550,476,000
FY 1996	633,814,000
FY 1997 (Request)	434,723,000

1. Major Construction. The MCA major construction program is one of the most visible means of improving the working and living conditions of the Army Family. This program provides for military construction projects in the United States and overseas as authorized in currently effective Military Construction Acts and in the new Authorization Request which will be presented to the Congress early in 1996.

This request funds the Army's most critical facilities needs within the context of changing force structure and fiscal constraints. The Army's facilities strategy is to:

- Focus the Investment
- Divest Excess
- Reduce the Requirement

The focus of investment is on revitalization of facilities at installations which remain after base closure actions. In the current year, investment is primarily directed toward facilities to improve readiness, such as strategic mobility and troop housing, along with funding necessary for environmental, health, and mission essential requirements.

2. Minor Construction. Provision is made for construction of future unspecified projects that have not been individually authorized by law but are determined to be urgent requirements and do not cost more than the amounts specified in 10 USC 2805. Fiscal Year 1996 authorization language increased the amount specified for life, health, or safety threatening requirements to \$3 million.

3. Planning. This provides for necessary planning of military construction projects including design, host nation support, standards, surveys, studies, and other related activities.

Department of Defense

MILITARY CONSTRUCTION, ARMY

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property for the Army as currently authorized by law, including personnel in the Army Corps of Engineers and other personal services necessary for the purposes of this appropriation, and for construction and operation of facilities in support of the functions of the Commander in Chief \$434,723,000, to remain available until September 30, 2001: Provided, That of this amount, not to exceed \$43,623,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

Military Construction, Army
Program and Financing (in Thousands of dollars)

MAR 96

Identification code	21-2050-0-1-051	Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)				Obligations	
		1995 actual	1996 est.	1997 est.	1995 actual	1996 est.	1997 est.
Program by activities:							
Direct program:							
00.0101	Major construction	473,150	580,780	386,100	616,617	630,654	456,942
00.0201	Minor construction	12,000	9,000	5,000	12,851	9,588	5,188
00.0301	Planning	66,126	44,034	43,623	76,704	50,320	42,456
00.0401	Supporting activities				5,645		
00.9101	Total direct program	551,276	633,814	434,723	711,817	690,562	504,586
01.0101	Reimbursable program	2,320,260	2,000,000	2,000,000	2,161,728	2,087,742	2,027,371
10.0001	Total	2,871,536	2,633,814	2,434,723	2,873,545	2,778,304	2,531,957
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-2,083,589	-1,750,000	-1,750,000	-2,146,972	-1,750,000	-1,750,000
13.0001	Trust funds(-)	-149,106	-250,000	-250,000	-149,106	-250,000	-250,000
14.0001	Non-Federal sources(-)	-87,565			-87,565		
17.0001	Recovery of prior year obligations				-88,595		
21.4002	Unobligated balance available, start of year:				-522,256	-663,432	-518,942
21.4003	For completion of prior year budget plans	-1,685			-1,685		
21.4009	Available to finance new budget plans	-8,792					
22.0001	Reprogramming from/to prior year budget plan	-4,163			-4,163		
24.4002	Unobligated balance transferred to other acco				663,432	518,942	421,708
25.0001	Unobligated balance available, end of year:	7,955			7,955		
40.0001	Unobligated balance expiring						
40.0001	Budget authority (Appropriation)	544,591	633,814	434,723	544,591	633,814	434,723
Relation of obligations to outlays:							
71.0001	Obligations incurred				489,902	778,304	531,957
72.1001	Orders on hand, SOY				-1,965,899	-2,398,823	
72.4001	Obligated balance, start of year				2,865,924	3,023,476	717,632
74.1001	Orders on hand, EOY				2,398,823		
74.4001	Obligated balance, end of year				-3,023,476	-717,632	-644,444
77.0001	Adjustments in expired accounts (net)				50		
78.0001	Adjustments in unexpired accounts				-88,595		
90.0001	Outlays (net)				676,729	685,325	605,145

Military Construction, Army
Object Classification (in Thousands of dollars)

MAR 96

Identification code	21-2050-0-1-051	1995 actual	1996 est.	1997 est.
Direct obligations:				
Personnel compensation:				
111.101	Full-time permanent	37,659	43,568	43,931
111.301	Other than full-time permanent	1,842	3,430	3,459
111.501	Other personnel compensation	714	986	996
111.901	Total personnel compensation	40,215	47,984	48,386
112.101	Personnel Benefits: Civilian personnel	8,695	8,991	9,066
113.001	Benefits for former personnel		9,544	1,750
121.001	Travel and transportation of persons	1,903	1,863	1,738
122.001	Transportation of things	42	40	38
123.301	Communications, utilities, and miscellaneous charges	155	151	141
124.001	Printing and reproduction	232	227	211
125.101	Advisory and assistance services	5,590		
125.302	Purchases goods/services (inter/intra) Fed accounts	5,641		
126.001	Payments to foreign national indirect hire personnel	14	101	94
131.001	Supplies and materials	47	45	42
132.001	Equipment			
132.001	Land and structures	649,283	621,616	443,120
199.001	Total Direct obligations	711,817	690,562	504,586
Reimbursable obligations:				
Personnel Compensation:				
211.101	Full-time permanent	162,908	179,270	175,232
211.301	Other than full-time permanent	10,611	23,066	22,770
211.501	Other personnel compensation	3,265	4,369	4,086
211.901	Total personnel compensation	176,784	206,705	202,088
212.101	Personnel Benefits: Civilian Personnel	34,352	40,309	38,902
221.001	Travel and transportation of persons	12,090	9,586	9,616
222.001	Transportation of things	735	583	585
223.301	Communications, utilities, and miscellaneous charges	91,237	72,367	72,596
224.001	Printing and reproduction	1,009	800	803
225.201	Other services with the private sector	736,888	622,388	624,364
225.302	Purchases goods/services (inter/intra) Fed accounts	1,461	6,744	7,337
231.001	Payments to foreign national indirect hire personnel	17,910	16,544	16,596
232.001	Equipment			
232.001	Land and structures	1,089,262	1,111,716	1,054,484

MAR 96

Military Construction, Army
Program and Financing (in Thousands of dollars)

Identification code	Budget Plan (amounts for MILITARY CONSTRUCTION actions programmed)		Obligations	
	1995 actual	1996 est.	1995 actual	1996 est.
21-2050-0-1-051				
299.001 Total Reimbursable obligations			2,161,728	2,087,742
999.901 Total obligations			2,873,545	2,778,304
				2,531,957

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Special Program Considerations
Fiscal Year 1997

SECTION I

ITEMS OF SPECIAL INTEREST

Environmental Protection

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

Floodplain Management and Wetlands Protection

Proposed land acquisitions, disposal, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped persons are provided for, where appropriate, in the design of facilities included in this budget.

Preservation of Historical Sites and Structures

Facilities included in the program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives can be evaluated, a life cycle cost economic analysis was prepared and the results indicated on the DD Form 1391. If there were no viable alternatives for analysis, then that is indicated on the DD Form 1391.

Troop Housing

In accordance with the Military Construction Appropriations Conference Report (#104-247, page 7), the Army certifies that new construction is warranted over renovation for each individual barracks complex project. As a part of the Army's economic analysis of each project in the budget, the Army only requests appropriations for those projects which are more economical to build new rather than to renovate.

Resolution Trust Corporation Real Estate Assets

In accordance with guidance contained in Senate Report 101-384, page 282, the Army has screened the fiscal year 1997 construction requirements against the Resolution Trust Corporation's (RTC) Real Estate Asset Inventory. The screening process included Military Construction, Army (MCA), Army Family Housing (AFH), and Base Closure Account (BCA) construction programs. None of the properties listed in the RTC assets inventory will meet the facility or housing needs of the Army at this time. The Army will continue to monitor the RTC inventory of assets in the future to determine if our facility needs can be economically met by the purchase of RTC assets.

Use of NATO Infrastructure Funds

The Conference Appropriation Committee Report No. 102-236, p.8, states that the Committees endorse the use of NATO Infrastructure funding for eligible projects in the U.S. NATO has adopted a new strategic concept which emphasizes mobility and reinforcement of forces from member nations. The U.S. has identified CONUS embarkation facilities to seek possible NATO funding at Forts Hood, TX, Riley, KS, and Benning, GA; and Military Ocean Terminals Bayonne, NJ, and Sunny Point, NC. Facilities requirements have been included in Infrastructure Capability Packages (ICP) which link military requirements with force goals. The ICPs were sent to Supreme Headquarters, Allied Powers, Europe (SHAPE), but to date, SHAPE has not forwarded any of these ICPs to NATO for consideration. NATO's bureaucratic process for getting an initiative approved is long and involved, and an eventual successful outcome is in doubt.

Alternative Funding Sources for Overseas Projects

Conference Report No. 100-498 (Making Further Continuing Appropriations for the Fiscal Year Ending September 30, 1988), page 1003 directs that future budget request an eligibility certificate for each project requested in Europe, Japan, and Korea. All overseas projects are considered for funding in Europe by NATO Infrastructure, in Japan by the Facilities Improvement Program, and in Korea by either the Combined Defense Improvement Projects for the Republic of Korea Funded Construction programs. There are no projects in Japan in this budget. There is one project in Italy, to upgrade a water system for \$3 million. There are \$30 million in whole barracks renewal projects in Korea in fiscal years 1997. The Korean Host Nation programs are continuing to fund some operational and quality of life projects each year. The Korean Host Nation Construction programs are not large enough to furnish sufficient funds to support this long term barracks requirements.

Construction and Basing Plans for New Major Army Weapon Systems

Section 2828 of Public Law 102-190, the fiscal year 1992 Authorization Act, directs the Department of Defense to provide a full siting plan for each new major weapon system when the first increment of military construction is requested and that full siting plans for the systems be provided with the annual budget request. For the Army, there are no new major weapon systems being introduced in the fiscal year 1997 Budget. Therefore, no siting plans are required.

Items of Interest - Authorizing Committees

House Report #104-131

Repair and Maintenance, Army

On page 273, the Committee urged the Army to correct deficiencies at Lake Tholocco Dam at Fort Rucker, Alabama; bridges at Fort Knox, Kentucky; and, buildings at Corpus Christi Army Depot, Texas. The Army was unable to correct the deficiencies at Forts Rucker and Fort Knox within available fiscal year 1996 funds. Likewise, at Corpus Christi Army Depot which is a tenant on a Navy installation, there are insufficient funds to execute about \$22 million of repairs. This activity is funded via Defense Business Operations Fund (DBOF). Some repairs, outside the five-foot line (ie: roads and utilities) have been accomplished by the Navy.

Senate Report #104-112

Repair of Unsafe Bridges

On page 334, the Committee recommended that the Army use real property maintenance funds to repair Railroad Trestles at Hawthorne Army Ammunition Plant and vehicular bridges at Fort Knox, Kentucky. The Army awarded a project to repair the railroad trestles at Hawthorne AAP. However, the Army was unable to execute projects at Fort Knox within available funds. Current projected cost to repair both bridges is \$3 million. The Army will continue to divert tank traffic to avoid further deterioration of the bridges.

Conference Report #104-406

Planning and Design

On page 902, the Conferees directed the Army to design road improvements for Pohakuloa Training Site, Hawaii, and to include the project in the Army's fiscal year 1997 Budget Request. As directed, \$2 million of fiscal year 1996 planning and design funds are being transferred to the Federal Highway Administration for completion of environmental studies and design of the

Section I - Items of Special Interest

Pohakuloa road improvements. Constrained resources prevented construction funds for this project from being included in the fiscal year 1997 Budget Request.

Items of Interest - MILCON Appropriations Committees

House Report #104-137

New Mexico - White Sands Missile Range: National Range Control Center

On page 13, the Committee directed the Army to include a phase I of this project in the fiscal year 1997 budget request. There were insufficient funds to include this project in the Army's fiscal year 1997 Budget Request. The Army is exploring all alternatives to determine if new construction is the solution for inclusion in a future budget request.

Management Initiatives

On page 15, the Committee requested that the Army provide a report with the fiscal year 1997 budget on management initiatives: Installation Status Report, Base Efficiencies Study Team, and other initiatives. A current status of those initiatives is listed below.

INSTALLATION STATUS REPORT

The Installation Status Report (ISR) is a decision support system designed to assist installation Commanders with the management of Army installations. The ISR consists of three parts. Part I, Infrastructure, was approved by the Chief of Staff, Army (CSA) for CONUS (Active Army) implementation in July 1994. Implementation is being extended Army-wide (OCONUS and Reserve Component) in FY 96. Part II, Environment, was approved by CSA in October 1995 for initial fielding in FY 96 (CONUS and Reserve Component). Part III, Services, is currently in concept development. The scope is being refined to identify core groupings of BASOPS services integral to installation readiness and Quality of Life. The ISR is currently reported annually and has resulted in the elimination of HQDA required reports such as the Backlog of Maintenance and Repair.

BASE EFFICIENCY STUDY TEAM (BEST)

BEST was created to conduct a comprehensive review of efficiencies within the Army. Its purpose was to identify obstacles to efficiency and improve Army business practices. Part of the key to success was to work with the Defense Performance Review office and concentrate on "big ticket" efforts that require approval outside the Army. The first major initiative the task force forwarded was to remove the mandated use of the Government Printing Office. This would allow Army commanders to obtain printing services from the best valued source using the private sector and open, competitive procedures. The waiver request, to date, has not been granted. Since that

time, the Army has consolidated all its major efficiency efforts. BEST has been incorporated in that process.

ARMY COMMUNITIES OF EXCELLENCE (ACOE)

The ACOE Program evaluates the quality of services, facilities and infrastructure across Army installations. A significant and innovative revitalization of ACOE accomplished in fiscal year 1996 integrated the Malcolm Baldrige National Quality Award Criteria into the program. Application of the Baldrige criteria and self-assessment process leads to continuous process improvement and strives to attain customer service levels and quality standards not known previously to Army. ACOE is focused on enhancing readiness, customer satisfaction and quality of life.

The ACOE Program will help the Army determine reasonable standards for services and facilities. The ISR will measure against these standards. In the future improvements to costing methodologies will work in concert with the ACOE Program and the ISR to determine requirements and allocate resources more efficiently.

Conference Report #104-247

Southwest Asia Prepositioning

On page 8, the Conferees directed that all future funding of prepositioning in southwest Asia be provided through expanded contributions from our allies located in the region. Current host nation support consists of use of some existing roads, utilities, ammo bunkers, security fencing, waiver of custom fees, integration into available communication assets, and rent free real estate use. The State Department continues to work with the host nation to secure host nation funding for this project but funds are not expected to be available in the next few years.

North Carolina - Fort Bragg: Land Acquisition

On page 10, the Conferees noted concern that the appraised value of the Overhills land tract may exceed the \$15 million appropriated in fiscal year 1994. In fact, the appraised value is considerably more than this appropriation, and the Army's available funds are insufficient to reprogram for the difference.

SECTION II

CONSTRUCTION FUNDED IN OTHER THAN MILITARY CONSTRUCTION

Appropriated Funds

Conference Report No. 100-498, Making Further Continuing Appropriations For The Fiscal Year Ending September 30, 1988 directed that an information exhibit be included in each budget request indicating construction to be accomplished with funds other than family housing and military construction. The information is provided in this section:

A. Procurement

B. Other Appropriations (Major Repair and Minor Construction)

Research, Development, Testing and Evaluation (RDTE)

Operation and Maintenance, Army (OMA)

Operation and Maintenance, Army Reserve (OMAR)

Operation and Maintenance, Army National Guard (OMNG)

CONSTRUCTION FUNDED IN OTHER THAN MILCON - FY97A. Procurement

<u>APPROPRIATION</u> <u>LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST</u> <u>ESTIMATE(\$000)</u>
AMMO		
Holston AAP, TN	Envir-Indus Wastewater Treatment Plant	4,613
	Envir-Repl Industrial Wastewater Line	3,651
	Other Envir/Replacement Projects	<u>2,422</u>
		10,686
Iowa AAP, IA	Install Dry Sprinklers Yard L	688
	Install Runoff Control F/Sand & Salt Pile	100
	Explosive Collection Sump Repl	<u>484</u>
		1,272
Lake City AAP, MO	Drying unit for New TP Sludge	579
	Small Caliber Flex PDN Line	5,852
	Other Repair/Replace Projects	<u>1,573</u>
		8,004
Lone Star AAP, TX	Rehab Monroe Avenue Road	159
Radford AAP, VA	Replace Wooden Water Tanks-Bldg 419	1,888
	Repl Distribution Water Lines NC Area	931
	Other Environmental Projects	<u>2,111</u>
		4,930
Scranton AAP, PA	Forge Shop Brick Restoration	85
	Structural Rehab-Forge Shop Subway	114
	Grout Columns	<u>95</u>
		294
MSL		
Redstone Arsenal, AL	Rocket Motor Facility	1,950
Iowa AAP, IA	Missile Warhead Production	<u>200</u>
	Grand Total, FY97	27,495

Section II - Construction Funded in Other than Military Construction

B. Other Appropriations

APPROPRIATION

BUDGET ESTIMATE (\$000)

Operation & Maintenance, Army (OMA)	1,257,300
Research, Development, Test and Evaluation (RDTE)	4,319
Operation & Maintenance, Army Reserve (OMAR)	5,640
Operation & Maintenance, Army National Guard (OMANG)	6,300
Total	1,273,559

C. Overseas Residual Value

In accordance with guidance contained in Senate Report 102-355, page 8-9, which accompanied the fiscal year 1993 MILCON Appropriations Bill, the Army is seeking to use Host Nation funding and residual value to fund infrastructure requirements overseas. The Army will first seek Host Nation Support where possible. The Army will then seek to reinvest residual value amounts into the Army's facility infrastructure requirements which support residual forces stationed at military bases outside the United States, or to permit the Host nation to construct capital improvements in lieu of direct payments (Payment-in-kind (PIK)). The Army has used residual value exclusively under authority granted by fiscal year 1993 legislation:

Overseas Military Facility Investment Recovery Account

(FY93 Defense Authorization Act, PL 102-484 (106 STAT. 2609)) This authorizes the use of residual value payments to be used overseas for facility maintenance and repair or environmental compliance. This also permits the Secretary of Defense to enter into negotiations for Payment-in-Kind, which could include construction of facilities.

The Army has received residual value payments in the amount of \$36.4M which have been deposited in the DOMFIRA account from the return of the Army's Pipeline System (Donges-Metz, France) and a Training Area (Wildflecken, Germany). The Army expects to use these funds for real property maintenance on Army facilities in Europe. The fiscal year 1997 President's Budget Exhibit (OP-29) lists the projects being requested to be funded. Further, the Army has negotiated with Host Nation governments for additional requirements to be satisfied via payment-in-kind (PIK). The following PIK projects are under final negotiations for funding with the Federal Republic of Germany:

Payment-in-Kind (Major Construction Projects scheduled to begin construction in FY 1997)

<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>ESTIMATE</u>
Ansbach, GE	Whole Neighborhood Revitalization, Enlisted/Officer	\$8,300,000
Baumholder, GE	Restore Barracks, Smith Barracks	\$3,800,000
	Restore Barracks, Smith Barracks	\$3,800,000
	Restore Barracks, Smith Barracks	\$3,800,000
	Restore Barracks, Smith Barracks	\$3,800,000
	Whole Neighborhood Revitalization, Enlisted/Smith	\$7,100,000
Grafenwoehr, GE	Whole Neighborhood Revitalization, Enlisted/Officer	\$4,200,000
Hanau, GE	Whole Neighborhood Revitalization, Enlisted	\$3,500,000
Landstuhl, GE	Restore Barracks	\$7,000,000
Schweinfurt, GE	Restore Ledward Barracks	\$6,400,000
Stuttgart, GE	Whole Neighborhood Revitalization, Enlisted	\$1,900,000
Wuerzburg, GE	Restore Barracks, Harvey Barracks	\$3,800,000

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
California		Concord Naval Weapons Sta (MIMC)			3
	44171	Ammunition Pier	27,000	27,000	5
		Subtotal Concord Naval Weapons Sta PART I	\$ 27,000	27,000	
		Camp Roberts (FORSCOM)			9
	31758	Power Systems Upgrade	5,500	5,500	11
		Subtotal Camp Roberts PART I	\$ 5,500	5,500	
		* TOTAL MCA FOR California	\$ 32,500	32,500	

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Concord Naval Weapons Sta California	4. COMMAND Military Traffic Management Command	5. AREA CONSTRUCTION COST INDEX 0.00

6. PERSONNEL STRENGTH:	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1995	0	0	0	0	0	0	0	0	0	0
B. END FY 2001	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	27,000
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	25,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	25,000
H. GRAND TOTAL.....	77,000

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:				
CATEGORY	PROJECT	COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
151	44171	Ammunition Pier	27,000	12/1994 12/1996
TOTAL			27,000	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. INCLUDED IN THE FY 1998 PROGRAM:		
425	Ordnance Support Facility	25,000
TOTAL		25,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The Army mission is to download Army Prepositioned Fleet ships, perform maintenance on ammunition, preserve and package materiel, verify accountability, and load ammunition aboard ships. The U.S. Army will occupy a portion of the facilities at the Naval Weapons Station Concord to perform this mission.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

(\$000)

A. AIR POLLUTION 0

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE 22 MAR 1996
INSTALLATION AND LOCATION: Concord Naval Weapons Sta California		
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)</p> <p style="text-align: right;">(\$000)</p> <p>B. WATER POLLUTION 0</p> <p>C. OCCUPATIONAL SAFETY AND HEALTH 0</p>		

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Concord Naval Weapons Sta California		4. PROJECT TITLE Ammunition Pier
5. PROGRAM ELEMENT 72896A	6. CATEGORY CODE 151	7. PROJECT NUMBER 44171
		8. PROJECT COST (\$000) Auth 27,000 Approp 27,000
9. COST ESTIMATES		
ITEM	U/M	QUANTITY
UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>		
Container Crane (Built-in), 2 EA	LS	--
Upgrade Pier	m/B	365.76
		23,912
		23,016 (14,270) (8,746)
<u>SUPPORTING FACILITIES</u>		
Electric Service	LS	--
Site Imp() Demo(223)	LS	--
		--
		912 (689) (223)
ESTIMATED CONTRACT COST		
CONTINGENCY PERCENT (5.00%)		
SUBTOTAL		
SUPERVISION, INSPECTION & OVERHEAD (6.00%)		
TOTAL REQUEST		
TOTAL REQUEST (ROUNDED)		
INSTALLED EQT-OTHER APPROPRIATIONS		
		23,928 1,196 25,124 1,507 26,631 27,000 (0)
10. Description of Proposed Construction Upgrade existing pier to support two new container cranes (40-ton capacity). Project includes a deck extension with a crane rail beam added along the channel side of the pier and a crane rail beam added along the land side of the pier. New piling will provide the structural support for the new deck extension and crane rail beams. Supporting facilities include replacing existing pier lighting (two rows of 25 foot high poles) with a single row of poles behind the new land side crane rail beam. The crane rails will be bonded and grounded. Remove existing fender system, utility stanchions and mooring fittings, remove and replace a portion of the timber pier deck, and site improvements.		
11. REQ: 366 m/B ADQT: NONE SUBSTD: 366 m/B		
PROJECT: Provide a structural and electrical upgrade to existing pier and install two container cranes. (Current Mission)		
REQUIREMENT: The revised United States National Military Strategy calls for more of the military forces to be based in continental United States (CONUS) and the forward presence overseas to be reduced. The new focus increases reliance on supplies anywhere in the world when needed. Congress mandated a Mobility Requirements Study (MRS) which recommended programs to enhance the		

1. COMPONENT		2. DATE
ARMY		22 MAR 1996
FY 1997 MILITARY CONSTRUCTION PROJECT DATA		
3. INSTALLATION AND LOCATION		
Concord Naval Weapons Sta, California		
4. PROJECT TITLE		5. PROJECT NUMBER
Ammunition Pier		44171
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>capability of US power projection forces to support this new strategy. MRS recommended the West Coast Ammunition Port Project in support of the MRS Major Regional Contingency West (MRC-W). As a result of the study, the Naval Weapons Station, Concord, California, was assigned a new mission to provide a 520 container per day loadout capability for joint service ordnance supply in times of national crisis, and the Naval Ordnance Center Pacific Division Detachment Port Hadlock, Washington, was directed to provide a 250 container outload capability. Since, the Naval Weapons Station (NAVWPNSTA) Concord is the "only" west coast common user ammunition facility it will receive the majority of the improvements of which two construction projects are planned. This project is designed to upgrade one of the existing piers and enhance it with modern cranes capable of increasing the container lift capability of the facility. No such capability exists at the present time. An FY 98 project will provide the terminal infrastructure to complete the requirement as mandated in the MRS.</p> <p><u>CURRENT SITUATION:</u> Concord has the capacity to load 200 container per day, using a combination of ship's gear, floating cranes and truck cranes; break bulk operations are compromised at Piers 2 and 3 to achieve this capacity.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, NAVWPNSTA Concord will be unable to support its newly assigned mission to provide a 520 container per day outload capability. The west coast will continue to be dependent on a very limited ammunition container load out capability. Quick response to events such as "Desert Storm" will be severely limited. Safe operating procedures would be jeopardized by handling ammunition containers with cranes not specifically designed and adequate for the purpose in the climate of urgency generated during crisis events.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of NAVFAC P-80, October 1982, Change 1, December 1985, Section 151-70. An economic analysis has been prepared and utilized in evaluating this project. A further project is proposed in FY 98 for construction of a Containerized Ordnance Support Area.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Design Start Date.....	DEC 1994	
(b) Percent Complete As Of 01 January 96 (BDGT YR)...	35	
(c) Percent Complete As Of 01 October 96 (PROG YR)...	95	
(d) Design Complete Date.....	DEC 1996	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM		2. DATE 22 MAR 1996																																												
3. INSTALLATION AND LOCATION Camp Roberts California	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 1.24																																												
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1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Camp Roberts California			4. PROJECT TITLE Power Systems Upgrade		
5. PROGRAM ELEMENT 33196A	6. CATEGORY CODE 811	7. PROJECT NUMBER 31758	8. PROJECT COST (\$000) Auth 5,500 Approp 5,500		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,910
Standby Generator Plant		m2	588.08	1,595	(938)
Power Distribution & Switch Gear		LS	--	--	(1,033)
Emergency Generator & Lighting		kWe	1,905	461.43	(879)
SCADA Equipment		LS	--	--	(78)
Electronic Equipment Bldg Upgrad		LS	--	--	(384)
Total from Continuation page					(598)
<u>SUPPORTING FACILITIES</u>					1,061
Electric Service		LS	--	--	(606)
Water, Sewer, Gas		LS	--	--	(314)
Paving, Walks, Curbs And Gutters		LS	--	--	(39)
Storm Drainage		LS	--	--	(14)
Site Imp(88) Demo()		LS	--	--	(88)
ESTIMATED CONTRACT COST					4,971
CONTINGENCY PERCENT (5.00%)					249
SUBTOTAL					5,220
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					313
TOTAL REQUEST					5,533
TOTAL REQUEST (ROUNDED)					5,500
INSTALLED EQT-OTHER APPROPRIATIONS					()
10. Description of Proposed Construction Upgrade a power system to include installing existing emergency generators, mechanical equipment, and switchgear with new Supervisory Control and Data Acquisition (SCADA) equipment in a building to house the generators, a control room, shop work area, bench stock storage room, fire sprinklers, building exterior security lighting, and externally mounted loadbanks. Replace this removed single underground and overhead power distribution system with four substations containing dual medium voltage transformers to provide a fully redundant underground power distribution system. Supporting facilities include electric service, dual underground power feeders laid from the main substation to the new generator building and extending to three medium voltage substations at operating sites with a fourth substation at the new generator building; a fire sprinkler system in the generator building; fire protection and alarm systems and a generator alarm system with remote alarm sensing; transformer pads; paving, walks, curbs and gutters; storm drainage; information systems; a retaining wall; and site improvements. Heating, ventilation and air conditioning (5 tons) will be provided by self-contained systems for the generator control room. Comprehensive building and furnishings related interior design services are required for the generator shed.					

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996																														
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<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>																												
<u>PRIMARY FACILITY (CONTINUED)</u>																																
DSCS Ops Center Upgrade	LS	--	--	(6)																												
Substation (3 EA)	kVA	5,500	107.38	(591)																												
Building Information Systems	LS	--	--	(1)																												
			Total	598																												
<p>11. REQ: 560 m2 ADQT: NONE SUBSTD: 436 m2</p> <p>PROJECT: Upgrade an existing power system. (Current Mission)</p> <p>REQUIREMENT: This project is required to meet minimum electrical power reliability requirements for the existing mission and to meet projected requirements at Satellite Communications (SATCOM) Station, Camp Roberts. This station is the west coast satellite communications gateway, supporting the Pacific theater Commander in Chiefs (CINC) and the worldwide Defense Communication System (DCA). The site also supports the Defense Satellite Communications System Operations Center which is operated and maintained by Army Space Command. A communications reliability rate of 99.9 percent availability, as established by the Defense Information Systems Agency (DISA), must be maintained. This project will provide the required level of power availability to support the DISA communications reliability goal. The present power system is overloaded and does not provide a high degree of reliability for current or future load requirements. This upgrade will assure required reliability by providing a medium voltage dual power transmission system, including state-of-the-art emergency electrical generators, to operate present and future critical communication systems. This project will completely overhaul the standard and emergency power distribution system at the Camp Roberts SATCOM Facility. This project provides for the engineering, acquisition, construction, or replacement of the following major power subsystems: construct an electrical power generation building to house electrical distribution equipment and emergency generators; install existing emergency generators and electrical distribution equipment; in conjunction with new distribution equipment, in the new power generation building; for distribution of standard and emergency power, construct dual underground primary power distribution feeders from the electrical power generation building to mission critical communications for three buildings; for distribution of standard and emergency power for utility use, construct a single underground 480 Volt primary power distribution feeder system from the electrical power distribution building to various mission support facilities (petroleum, oils and lubricants (POL) area, Helipad, perimeter security lights, sentry station, warehouses, fitness center); replace one building's main transformers with transformers capable of handling commercially provided</p>																																

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			22 MAR 1996
3. INSTALLATION AND LOCATION			
Camp Roberts, California			
4. PROJECT TITLE		5. PROJECT NUMBER	
Power Systems Upgrade		31758	
<p>REQUIREMENT: (CONTINUED)</p> <p>power; install new power distribution equipment in one building; rehabilitate a utility room and install new 480 Volt and 208 Volt main distribution feeders from this rehabilitated room to existing primary power panels in the building.</p> <p>CURRENT SITUATION: Currently, the site is operating with Army tactical-type, low-voltage generators and switchgear; a single overhead distribution system, with several small transformers spread over a wide area, some of which are overloaded. When scheduled maintenance is needed on the power system, critical satellite communication systems are removed from service. This scheduled maintenance prevents the SATCOM facility from meeting DISA operational reliability requirements. A redundant power generating and distribution system with transformer substations will eliminate major maintenance problems and resultant downtime.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, the failure of the existing system to provide the required level of reliable power, both in capacity and redundancy, will continue. The operating site will continue to be subject to unscheduled power outages, which are detrimental to the critical communications mission. Downtime for maintenance will continue to be a problem with the non-redundant power transmission equipment, critical communication systems will remain in jeopardy, and projected load requirements will not be met.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>			
12. SUPPLEMENTAL DATA:			
A. Estimated Design Data:			
(1) Status:			
(a) Design Start Date.....			MAR 1993
(b) Percent Complete As Of 01 January 96 (BDGT YR)...			35
(c) Percent Complete As Of 01 October 96 (PROG YR)...			100
(d) Design Complete Date.....			AUG 1996
(2) Basis:			
(a) Standard or Definitive Design - (YES/NO) N			
(b) Where Design Was Most Recently Used			

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Camp Roberts, California		
4. PROJECT TITLE Power Systems Upgrade		5. PROJECT NUMBER 31758
12. SUPPLEMENTAL DATA: (Continued) A. Estimated Design Data: (Continued) (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000) (a) Production of Plans and Specifications..... 300 (b) All Other Design Costs..... 140 (c) Total Design Cost..... 440 (d) Contract..... 330 (e) In-house..... 110 (4) Construction Start..... JAN 1997 month & year		
Installation Engineer: Mark Maftagni Phone Number: (805) 238-8675		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	PAGE
<u>NUMBER</u>	<u>PROJECT TITLE</u>	<u>REQUEST</u>	<u>REQUEST</u>	<u>REQUEST</u>	<u>PAGE</u>
Colorado		Fort Carson (FORSCOM)			17
46747	Whole Barracks Complex Renewal Ph II	13,000	13,000		19
	Subtotal Fort Carson PART I	\$ 13,000	13,000		
	* TOTAL MCA FOR Colorado	\$ 13,000	13,000		

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1. COMPONENT ARMY.	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Carson Colorado	4. COMMAND US Army Forces Command	5. AREA CONSTRUCTION COST INDEX 1.12

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED								
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1995	1673	12548	2131	0	132	0	21	99	2177	18,781	
B. END FY 2001	1431	12371	1950	0	151	0	17	103	2177	18,200	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	151,070 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	1,774,433
C. AUTHORIZATION NOT YET IN INVENTORY.....	72,415
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	13,000
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	7,100
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	130,281
H. GRAND TOTAL.....	1,997,229

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
721	46747	Whole Barracks Complex Renewal Ph II	13,000	11/1995 09/1996
TOTAL			13,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 1998 PROGRAM:		
171	Close Combat Tactical Trainer Building	7,100
TOTAL		7,100
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Support and training of the 4th Infantry Division (Mechanized) and other non-divisional units. Ensure the most efficient use of resources to operate Fort Carson and accomplish all assigned missions and support of tenant activities. Command of all assigned and attached units; organize and train all units to ensure combat readiness. Provide command and control of the Pinon Canyon maneuver site. Ensure that Fort Carson is prepared for mobilization.

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE 22 MAR 1996								
INSTALLATION AND LOCATION: Fort Carson Colorado										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT		FY 1997		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						22 MAR 1996	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Fort Carson Colorado				Whole Barracks Complex Renewal Ph II			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
85796A		721		46747		Auth 13,000 Approp 13,000	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							11,216
Enlisted Barracks				m2	7,726	1,183	(9,143)
Soldier Community Building				m2	1,358	1,183	(1,607)
Special Foundations				LS	--	--	(195)
EMCS Connection				LS	--	--	(50)
Multipurpose Court				EA	1	76,286	(76)
Total from Continuation page							(145)
<u>SUPPORTING FACILITIES</u>							439
Electric Service				LS	--	--	(53)
Paving, Walks, Curbs And Gutters				LS	--	--	(210)
Storm Drainage				LS	--	--	(25)
Site Imp(151) Demo()				LS	--	--	(151)
ESTIMATED CONTRACT COST							11,655
CONTINGENCY PERCENT (5.00%)							583
SUBTOTAL							12,238
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							734
TOTAL REQUEST							12,972
TOTAL REQUEST (ROUNDED)							13,000
INSTALLED EQT-OTHER APPROPRIATIONS							()
10. Description of Proposed Construction Construct a standard-design enlisted barracks with attached soldier community support building. Connect barracks to a central energy monitoring and control system (EMCS). Barracks include living/sleeping rooms, private baths, walk-in closets, storage, laundry, and multi-purpose courts with pavilion. Due to the expansive soils prevalent at Fort Carson, special foundation work will be required. Supporting facilities include electric service; exterior lighting; fire sprinklers with heat/smoke detectors; paving, walks, curbs and gutters; access roads and parking; storm drainage; and site improvements. Access for the handicapped will be provided for the first floor of the soldier community support building. Heating and air conditioning (160 tons) will be provided by an individual self-contained gas fired system. Comprehensive building and furnishings-related interior design services are required.							
11. REQ: 5,464 PN ADQT: 2,956 PN SUBSTD: 3,766 PN							
PROJECT: Construct enlisted barracks complex to meet the Whole Barracks Program Standard. (Current Mission)							

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Carson, Colorado		
4. PROJECT TITLE Whole Barracks Complex Renewal Ph II		5. PROJECT NUMBER 46747

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Pavilion	EA	1	20,000	(20)
Building Information Systems	LS	--	--	(125)
			Total	145

REQUIREMENT: This is the second phase of barracks projects required to complete modernization of three inadequate barracks for single enlisted personnel to provide the living space and amenities authorized by the Army under the quality of life programs. The "hammerhead" barracks being replaced were constructed in 1956 and have central ("gang") latrines and undersized sleeping rooms, which lack almost all amenities currently authorized. This project will provide billeting for a maximum of 252 enlisted personnel; intended utilization is 26 E5-E6 and 200 E1-E4.

CURRENT SITUATION: Considerable physical deterioration has accumulated over the past 40 years and has resulted in a substandard condition that warrants replacement of outdated "hammerhead" barracks. Numerous floor tiles are cracked and missing. Latrine fixtures, although operational, are outdated 1950s design and are becoming increasingly more difficult to maintain and repair due to a scarcity of parts. Temperatures within the individual living and sleeping areas cannot be effectively controlled by occupants, and comfort levels are thus attempted to be maintained through the opening and closing of exterior windows. Soldiers must use impersonal "gang" latrines, which provide an inadequate number of shower heads for the occupant populations served. The company operations support areas in these "hammerhead" barracks fall far short of the sizes that are authorized for units, and are located on first floors just down the hall from sleeping areas.

IMPACT IF NOT PROVIDED: If this project is not provided, unmarried soldiers will continue to live in aging personnel housing that falls far short of meeting current Army billeting criteria. Repairs to building systems will become more frequent as the current buildings continue to age, adding significantly to the installation's expenditures. Eventually, systems will experience sudden and costly complete failures.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. This project conforms to the new OSD design criteria for barracks construction. An economic analysis has been prepared and utilized in evaluating this project. This project is the second of a two phase program for construction of a barracks complex. The scope for

1. COMPONENT	FY 1997	MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY			22 MAR 1996
3. INSTALLATION AND LOCATION			
Fort Carson, Colorado			
4. PROJECT TITLE		5. PROJECT NUMBER	
Whole Barracks Complex Renewal Ph II		46747	
ADDITIONAL: (CONTINUED) this project was formerly included in the scope for PN 944, now reprogrammed for FY 96. All sitework and primary utility support infrastructure required to support the second barracks programmed under this project will be accomplished, earlier, by PN 944.			
12. SUPPLEMENTAL DATA:			
A. Estimated Design Data:			
(1) Status:			
(a)	Design Start Date.....	NOV 1995	
(b)	Percent Complete As Of 01 January 96 (BDGT YR)...	45	
(c)	Percent Complete As Of 01 October 96 (PROG YR)...	100	
(d)	Design Complete Date.....	SEP 1996	
(2) Basis:			
(a)	Standard or Definitive Design - (YES/NO) Y		
(b)	Where Design Was Most Recently Used		
	USACE		
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)	
(a)	Production of Plans and Specifications.....	510	
(b)	All Other Design Costs.....	170	
(c)	Total Design Cost.....	680	
(d)	Contract.....		
(e)	In-house.....	680	
(4)	Construction Start.....	MAR 1997	
		month & year	
Installation Engineer: LTC David N. Buttery Phone Number: (919) 239-3906			

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

<u>STATE</u>	<u>PROJECT</u>	<u>INSTALLATION (COMMAND)</u>	<u>AUTHORIZATION</u>	<u>APPROPRIATION</u>	<u>PAGE</u>
<u>NUMBER</u>	<u>PROJECT TITLE</u>	<u>REQUEST</u>	<u>REQUEST</u>		
District of Columbia	Fort McNair (MDW)				25
45372	National Defense University Pac Phase II	6,900	6,900		27
	Subtotal Fort McNair PART I	\$ 6,900	6,900		
	* TOTAL MCA FOR District of Columbia	\$ 6,900	6,900		

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM				2. DATE 22 MAR 1996																													
3. INSTALLATION AND LOCATION Fort McNair District of Columbia			4. COMMAND US Army Military District of Washington			5. AREA CONSTRUCTION COST INDEX 1.03																												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">6. PERSONNEL STRENGTH:</td> <td style="width: 10%;">PERMANENT</td> <td style="width: 10%;">STUDENTS</td> <td style="width: 10%;">SUPPORTED</td> <td colspan="3"></td> </tr> <tr> <td></td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> </tr> <tr> <td>A. AS OF 30 SEP 1995</td> <td>92</td> <td>237</td> <td>1058</td> <td>458</td> <td>0</td> <td>267</td> </tr> <tr> <td>B. END FY 2001</td> <td>90</td> <td>194</td> <td>783</td> <td>435</td> <td>0</td> <td>186</td> </tr> </table>							6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED					OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	A. AS OF 30 SEP 1995	92	237	1058	458	0	267	B. END FY 2001	90	194	783	435	0	186
6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED																															
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL																												
A. AS OF 30 SEP 1995	92	237	1058	458	0	267																												
B. END FY 2001	90	194	783	435	0	186																												
<p style="text-align: center;">7. INVENTORY DATA (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">A. TOTAL AREA.....</td> <td style="width: 10%;">40 ha</td> <td style="width: 20%;"></td> </tr> <tr> <td>B. INVENTORY TOTAL AS OF 30 SEP 1995.....</td> <td></td> <td style="text-align: right;">150,170</td> </tr> <tr> <td>C. AUTHORIZATION NOT YET IN INVENTORY.....</td> <td></td> <td style="text-align: right;">20,720</td> </tr> <tr> <td>D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....</td> <td></td> <td style="text-align: right;">6,900</td> </tr> <tr> <td>E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>G. REMAINING DEFICIENCY.....</td> <td></td> <td style="text-align: right;">19,372</td> </tr> <tr> <td>H. GRAND TOTAL.....</td> <td></td> <td style="text-align: right;">197,162</td> </tr> </table>							A. TOTAL AREA.....	40 ha		B. INVENTORY TOTAL AS OF 30 SEP 1995.....		150,170	C. AUTHORIZATION NOT YET IN INVENTORY.....		20,720	D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....		6,900	E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....		0	F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0	G. REMAINING DEFICIENCY.....		19,372	H. GRAND TOTAL.....		197,162				
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H. GRAND TOTAL.....		197,162																																
<p>8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">CATEGORY</td> <td style="width: 15%;">PROJECT</td> <td style="width: 40%;"></td> <td style="width: 15%;">COST</td> <td style="width: 15%;">DESIGN STATUS</td> </tr> <tr> <td>CODE</td> <td>NUMBER</td> <td>PROJECT TITLE</td> <td>(\$000)</td> <td>START COMPLETE</td> </tr> <tr> <td>171</td> <td>45372</td> <td>National Defense University Fac Phase II</td> <td style="text-align: right;">6,900</td> <td style="text-align: center;">03/1993 07/1996</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">6,900</td> <td></td> </tr> </table>							CATEGORY	PROJECT		COST	DESIGN STATUS	CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE	171	45372	National Defense University Fac Phase II	6,900	03/1993 07/1996	TOTAL			6,900									
CATEGORY	PROJECT		COST	DESIGN STATUS																														
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE																														
171	45372	National Defense University Fac Phase II	6,900	03/1993 07/1996																														
TOTAL			6,900																															
<p>9. FUTURE PROJECTS:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">CATEGORY</td> <td style="width: 40%;"></td> <td style="width: 15%;">COST</td> </tr> <tr> <td>CODE</td> <td>PROJECT TITLE</td> <td>(\$000)</td> </tr> <tr> <td colspan="3">A. INCLUDED IN THE FY 1998 PROGRAM: NONE</td> </tr> <tr> <td colspan="3">B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE</td> </tr> </table>							CATEGORY		COST	CODE	PROJECT TITLE	(\$000)	A. INCLUDED IN THE FY 1998 PROGRAM: NONE			B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																		
CATEGORY		COST																																
CODE	PROJECT TITLE	(\$000)																																
A. INCLUDED IN THE FY 1998 PROGRAM: NONE																																		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																																		
<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>Military District of Washington Headquarters. Provide housing services and other facilities to quarter general and flag officers of the Department of Defense and to provide administrative and/or logistical support as assigned by the Commanding General, Military District of Washington. The National Defense University consisting of the National War College and Industrial College of the Armed Forces and Inter-American Defense College are located at this installation.</p>																																		
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"></td> <td style="width: 30%; text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>								(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0																				
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A. AIR POLLUTION	0																																	
B. WATER POLLUTION	0																																	
C. OCCUPATIONAL SAFETY AND HEALTH	0																																	

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1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Fort McNair District of Columbia				4. PROJECT TITLE National Defense University Fac Phase II		
5. PROGRAM ELEMENT 22896A		6. CATEGORY CODE 171	7. PROJECT NUMBER 45372		8. PROJECT COST (\$000) Auth 6,900 Approp 6,900	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,879
Building Renovation			m2	10,775	494.78	(5,331)
Asbestos/Lead Paint Abatement			LS	--	--	(60)
Building Information Systems			LS	--	--	(488)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						5,879
CONTINGENCY PERCENT (10.0%)						588
SUBTOTAL						6,467
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						388
TOTAL REQUEST						6,855
TOTAL REQUEST (ROUNDED)						6,900
INSTALLED EQT-OTHER APPROPRIATIONS						(2,215)
10. Description of Proposed Construction Convert and reconfigure existing administrative, industrial and library areas in one building of the National War College (NWC) (National Defense University (NDU) Campus) to academic uses (seminar, study and faculty rooms). Existing building is on the National Register of Historic Structures and its historic aspects must be taken into consideration during reconfiguration. Building interiors will be architecturally reconfigured to provide for the new uses. Electrical, heating, ventilation, air conditioning (300 tons), and plumbing systems will be modified to accommodate the new configurations and correct existing deficiencies. Fire protection, alarm systems and emergency egress will be provided. Asbestos abatement and lead paint removal will be required. Access for the handicapped will be provided.						
11. REQ: 10,684 m2 ADQT: NONE SUBSTD: 10,684 m2 PROJECT: Convert and reconfigure existing academic building for the National War College. (Current Mission) REQUIREMENT: This project is required to provide critically needed academic space for faculty and students of the National War College. The required modifications will permit the number of students per seminar and study room to drop to academically functional levels, provide space for additional faculty						

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		22 MAR 1996
3. INSTALLATION AND LOCATION		
Fort McNair, District of Columbia		
4. PROJECT TITLE	5. PROJECT NUMBER	
National Defense University Fac Phase II	45372	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>required to comply with Congressional and Joint Chiefs of Staff (JCS) mandates and provide urgently needed seminar and meeting spaces.</p> <p><u>CURRENT SITUATION:</u> The NDU occupies three buildings at its Fort McNair campus: Eisenhower Hall, Roosevelt Hall and Marshall Hall at Fort McNair. The 1991 completion of Marshall Hall has allowed consolidation at Fort McNair of NDU activities previously scattered over five locations in the Washington DC area, including university elements which previously occupied 31 percent of Roosevelt Hall. While some of the recently vacated space is suitable for college faculty and administrative personnel with only minor repair and cleaning, a significant portion is not configured for academic uses. Most pressing is the need for sufficient student study space and seminar rooms. Senior service college students are required to do extensive research and study--both as individuals and in groups--yet their study areas are currently so crowded and poorly configured that effective study is often nearly impossible. Lack of suitable space has caused college seminars to commonly have as many as 17 students when 12 is the academically desired upper limit observed by other senior service colleges. Existing partition configurations rarely permit efficient space use and often do not provide the privacy needed for class preparation or student counseling. Both Congress and the JCS have recognized the importance of these schools to the nation's future. Notwithstanding downsizing currently underway throughout the Department of Defense, the number of students at the NWC will not decline for the foreseeable future. In fact, Congressional mandates to reduce the student:faculty ratio and incorporate new missions will cause both student and faculty numbers to rise modestly. Rehabilitation of the old and deteriorating mechanical and electrical systems is also urgently needed. High velocity air distribution and obsolete controls on the mechanical systems frequently create noise and/or temperature conditions which interfere with office, classroom and study activities. They also are less energy efficient than modern systems.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, significant space will remain poorly configured or completely unusable for academic courses, degrading the educational program and limiting University flexibility in supporting both internal and external operational needs. Much of the space is not configured to permit substantial academic utility. A significant portion will remain vacant without appropriate alteration. One of the key, long-term benefits of the NWC to the country is the interservice and interagency team building which is a byproduct of both daily interaction and group study projects. Without the proposed modifications the facility will remain a hindrance to this process rather than an asset. Initiatives to establish NDU as a "Center for wargaming and simulation at the National, Theater and Joint Task Force Level" will be indefinitely delayed. Environmental compliance will be delayed. Incorporation of environmental issues into the renovation project is much more efficient and less costly than as a separate action. Meeting Army energy conservation targets will be impossible without severe adverse effects</p>		

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort McNair, District of Columbia		
4. PROJECT TITLE National Defense University Fac Phase II		5. PROJECT NUMBER 45372
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>on the academic program. Fundamental building infrastructure will continue to deteriorate, interfering with operations and continuing the current trend of increasing maintenance and repair costs. Several class days have been lost in the past due to large scale utility system failures.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Design Start Date.....	MAR 1993	
(b) Percent Complete As Of 01 January 96 (BDGT YR) ..	35	
(c) Percent Complete As Of 01 October 96 (PROG YR) ..	100	
(d) Design Complete Date.....	JUL 1996	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	360	
(b) All Other Design Costs.....	407	
(c) Total Design Cost.....	767	
(d) Contract.....	540	
(e) In-house.....	227	
(4) Construction Start.....	JAN 1997	
	month & year	

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Georgia		Fort Benning (TRADOC)			33
	30928	Rail Loading Facility	9,400	9,400	35
	46750	Whole Barracks Complex Renewal	44,000	44,000	38
		Subtotal Fort Benning PART I	\$ 53,400	53,400	
		Fort Stewart (FORSCOM)			41
	42250	Close Combat Tactical Training Building	6,000	6,000	43
		Subtotal Fort Stewart PART I	\$ 6,000	6,000	
		* TOTAL MCA FOR Georgia	\$ 59,400	59,400	

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Benning Georgia	4. COMMAND US Army Training and Doctrine Command	5. AREA CONSTRUCTION COST INDEX 0.79

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED	
	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1995	1239	9709	3465	25,239
B. END FY 2001	1172	9172	3371	25,356

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	73,416 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	2,080,282
C. AUTHORIZATION NOT YET IN INVENTORY.....	117,342
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	53,400
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	73,350
H. GRAND TOTAL.....	2,324,374

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS
				START COMPLETE
860	30928	Rail Loading Facility	9,400	06/1993 06/1996
721	46750	Whole Barracks Complex Renewal	44,000	09/1995 03/1997
TOTAL			53,400	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. INCLUDED IN THE FY 1998 PROGRAM:	NONE	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):	NONE	

10. MISSION OR MAJOR FUNCTIONS:	
Provides support and facilities for the U.S. Army Infantry Center and School, major combat and combat support forces, Martin U.S. Army Hospital, other tenant and satellited activities and units, and Reserve Components Training.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Fort Benning Georgia			4. PROJECT TITLE Rail Loading Facility			
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 860	7. PROJECT NUMBER 30928	8. PROJECT COST (\$000) Auth 9,400 Approp 9,400			
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					6,409	
Rail Sidings		m	2,926	476.27	(1,394)	
Transit Loading Shed		m2	74.32	309.80	(23)	
Blocking/Operations Building		m2	184.97	582.76	(108)	
Tank Trails		m2	67,448	18.52	(1,249)	
Loading Yard/Ramps		m2	16,387	44.33	(726)	
Total from Continuation page					(2,909)	
<u>SUPPORTING FACILITIES</u>					1,993	
Electric Service		LS	--	--	(106)	
Water, Sewer, Gas		LS	--	--	(300)	
Paving, Walks, Curbs And Gutters		LS	--	--	(462)	
Storm Drainage		LS	--	--	(243)	
Site Imp(831) Demo()		LS	--	--	(831)	
Information Systems		LS	--	--	(51)	
ESTIMATED CONTRACT COST					8,402	
CONTINGENCY PERCENT (5.00%)					420	
SUBTOTAL					8,822	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					529	
TOTAL REQUEST					9,351	
TOTAL REQUEST (ROUNDED)					9,400	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct four railroad spurs with end ramps. Project includes loading shed, operations building, and five miles of tank trail. Tank trails include graveled trails with drainage structures, two-lane bridge crossing over highway US 27/280, one two-lane creek crossing over Ochillee Creek, and several two-lane at-grade crossings at paved roads, and two existing railroad tracks. Relocate/bury existing overhead electrical power lines along US 27/280 and relocate overhead power and communications lines along tank trail. Provide signage and electrical signaling and warning devices at key road and railroad crossings. The rail spurs are to be built on the north side of First Division Road. Two spurs require adjacent side ramps to facilitate the loading and off loading of explosives, ammunition and other items that have this requirement. Clear seven acres for a staging area. Supporting facilities include utilities, electric service, exterior lighting, paving, hardstand, loading ramps, storm drainage, information systems, and site improvements.						
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE PROJECT: Construct a rail loading facility with a tank trail. (Current Mission)						

1. COMPONENT		2. DATE	
ARMY		22 MAR 1996	
FY 1997 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND LOCATION			
Fort Benning, Georgia			
4. PROJECT TITLE		5. PROJECT NUMBER	
Rail Loading Facility		30928	
9. COST ESTIMATES (CONTINUED)			
Item	U/M	QTY	Unit Cost (\$000)
PRIMARY FACILITY (CONTINUED)			
Bridge Crossing	m2	784.29	1,022 (801)
Ochillee Creek Crossing	m2	557.70	1,022 (570)
Traffic Signals	EA	30	8,878 (266)
Exterior Lighting	EA	46	27,600 (1,270)
Building Information Systems	LS	--	-- (2)
Total			2,909
<p><u>REQUIREMENT:</u> This project is required to provide adequate rail loading capability for Fort Benning and for current deployment and mobilization missions and direct tank trail access from Kelley Hill to the rail loading site and the ranges/maneuver areas beyond. This project is consistent with the requirements identified by the Defense Mobility Requirements Study (DMRS) and is part of the Army's Strategic Mobility Plan (ASMP) to meet contingency force deployment timelines.</p> <p><u>CURRENT SITUATION:</u> The current rail loading site is located in the Sand Hill cantonment area. This area is very congested and loading and unloading of cars requires prolonged closing of important access roads. Spurs and ramps are too close to one another to allow vehicles to maneuver between lines. Also, because of the closeness of the spurs on the Norfolk Southern line, loading and unloading the new M1 Abrams tank cannot be carried out on successive tracks, thus reducing by half the amount that can be loaded at one time. One South Carolina Central Railroad spur has been removed, reducing the number to three, which is inadequate for deployment. Gravel ramps on the South Carolina Central Railroad line are deteriorating, causing possible hazards. This loading site has no area to receive ammunition or explosives. Presently, all tracked vehicles are hauled by Heavy Equipment Transport (HET) since no tank trails exist between Kelley Hill and the rail loading facilities at Sand Hill.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, use of an inadequate rail loading site not capable of handling deployment will continue. Ammunition and explosives will continue to be transported by truck. HETs will continue to transport tracked vehicles to the existing rail loading site.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>			

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Benning, Georgia		
4. PROJECT TITLE Rail Loading Facility		5. PROJECT NUMBER 30928
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Design Start Date.....		JUN 1993
(b) Percent Complete As Of 01 January 96 (BDGT YR)...		35
(c) Percent Complete As Of 01 October 96 (PROG YR)...		100
(d) Design Complete Date.....		JUN 1996
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		445
(b) All Other Design Costs.....		267
(c) Total Design Cost.....		712
(d) Contract.....		534
(e) In-house.....		178
(4) Construction Start.....		NOV 1996
		month & year
<p>Installation Engineer: COL William Brown</p> <p>Phone Number: (706) 545-2292</p>		

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY					22 MAR 1996	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Fort Benning Georgia			Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
85796A		721	46750	Auth 44,000 Approp 44,000		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY					29,591	
Enlisted Barracks		m2	20,348	990.28	(20,150)	
Soldier Community Building		m2	2,976	990.28	(2,947)	
Dining Facility		m2	1,847	1,615	(2,982)	
Company Operations Facs		m2	2,358	1,001	(2,360)	
EMCS Connection		LS	---	---	(600)	
Total from Continuation page					(552)	
SUPPORTING FACILITIES					9,881	
Electric Service		LS	---	---	(1,390)	
Water, Sewer, Gas		LS	---	---	(2,426)	
Steam And/Or Chilled Water Distr		LS	---	---	(412)	
Paving, Walks, Curbs And Gutters		LS	---	---	(1,033)	
Storm Drainage		LS	---	---	(534)	
Site Imp(1,687) Demo(2,069)		LS	---	---	(3,757)	
Information Systems		LS	---	---	(329)	
ESTIMATED CONTRACT COST					39,472	
CONTINGENCY PERCENT (5.00%)					1,974	
SUBTOTAL					41,446	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					2,487	
TOTAL REQUEST					43,933	
TOTAL REQUEST (ROUNDED)					44,000	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct standard-design barracks, soldier community buildings, a standard-design consolidated dining facility and five company operations facilities. Connect to existing energy monitoring and control system (EMCS). Barracks include living/sleeping room, private bath, walk-in closets, storage and laundry. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; lawn sprinkler system; paving, walks, curbs and gutters; parking and access drives; outdoor recreation areas; signage; dumpster enclosures; security fencing; IDS installation; upgrade of sanitary sewer collection system; storm drainage; security barriers; information systems; borrow pit development; and site improvements. Heating and air conditioning (1,600 tons) will be provided by self-contained systems. Demolition of five buildings (202,680 SF) with asbestos abatement. Access for the handicapped will be provided. Comprehensive building and furnishings related interior design services are required. High supporting cost are due to demolition of existing structures, relocating power supply systems and upgrading sanitary sewer lines.						
11. REQ: 5,070 PN ADQT: 884 PN SUBSTD: 4,639 PN PROJECT: Construct barracks complex, dining facility (501-800 capacity) to						

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Benning, Georgia		
4. PROJECT TITLE Whole Barracks Complex Renewal	5. PROJECT NUMBER 46750	

9. COST ESTIMATES (CONTINUED)

<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Pre-Wired Workstations	EA	10	3,250	(33)
IDS Installation	EA	5	6,000	(30)
Building Information Systems	LS	--	--	(489)
			Total	552

PROJECT: (CONTINUED)

meet this Whole Barracks Renewel Program Standard. (Current Mission)

REQUIREMENT: This project is required as the fourth in a series of Whole Barracks Renewal or Barracks Replacement Projects required to complete Fort Benning's long range plan for barracks renewal and modernization. This project is required to provide adequate housing for unaccompanied permanent party enlisted personnel attached to the 75th Ranger Regiment stationed at Fort Benning and company operations facilities for the 36th Engineer Group. Intended utilization of the barracks will be 548 personnel. Maximum utilization is 702 personnel.

CURRENT SITUATION: Existing barracks buildings, built in 1954, are three-story masonry structures with central latrines and showers. Each building includes one company operations function split between the basement and first floor while four buildings contain dining facilities. Living conditions and supporting areas are inadequate to accommodate the six companies now housed in the buildings.

IMPACT IF NOT PROVIDED: If this project is not provided, permanent party enlisted personnel will continue to be housed in marginal facilities, resulting in lower morale and retention rates. Improvements in keeping with the Army's Communities of Excellence program will not be provided which will directly affect the welfare of soldiers residing in the facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. This project conforms to new OSD criteria for barracks construction. An economic analysis has been prepared for this project. Headquarters US Army Special Operations Command (HQ USASOC) has indicated that they will program for a battalion operation building as a part of Project Number 40782 in FY 98. Parametric estimates have been used to develop project costs.

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Benning, Georgia		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 46750
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Design Start Date.....	SEP 1995	
(b) Percent Complete As Of 01 January 96 (BDGT YR) ..	15	
(c) Percent Complete As Of 01 October 96 (PROG YR) ..	60	
(d) Design Complete Date.....	MAR 1997	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used		
	USACE	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	1,150	
(b) All Other Design Costs.....	690	
(c) Total Design Cost.....	1,840	
(d) Contract.....	1,380	
(e) In-house.....	460	
(4) Construction Start..... JUN 1997		
month & year		
Installation Engineer: COL William Brown		
Phone Number: (706) 545-2292		

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM		2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Fort Stewart Georgia	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 0.84	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1995	1345	13314	2028	0	144	0	16	58	3233	20,138
B. END FY 2001	1312	13044	1995	0	148	0	15	58	3233	19,805

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	115,085 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	1,450,951
C. AUTHORIZATION NOT YET IN INVENTORY.....	29,466
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	6,000
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	183,888
H. GRAND TOTAL.....	1,670,305

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
171	42250	Close Combat Tactical Training Building	6,000	01/1995 09/1996
TOTAL			6,000	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A.	INCLUDED IN THE FY 1998 PROGRAM: NONE	
B.	PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE	

10. MISSION OR MAJOR FUNCTIONS:

Support and training of an Infantry Division (Mech) and non-divisional support units, and provide support for tenant, including 18th Corps Aerial Explortation Battalion and SOCOM Ranger and Aviation Battalions, satellited activities and reserve components training.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Fort Stewart Georgia			4. PROJECT TITLE Close Combat Tactical Training Building		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 171	7. PROJECT NUMBER 42250	8. PROJECT COST (\$000) Auth 6,000 Approp 6,000		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITY					
Close Combat Tactical Trainer	m2	4,115	936.31	3,900	
Building Information Systems	LS	--	--	(3,853) (47)	
SUPPORTING FACILITIES					
Electric Service	LS	--	--	1,459 (156)	
Water, Sewer, Gas	LS	--	--	(72)	
Paving, Walks, Curbs And Gutters	LS	--	--	(496)	
Storm Drainage	LS	--	--	(28)	
Site Imp(160) Demo()	LS	--	--	(160)	
Information Systems	LS	--	--	(547)	
ESTIMATED CONTRACT COST				5,359	
CONTINGENCY PERCENT (5.00%)				268	
SUBTOTAL				5,627	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				338	
TOTAL REQUEST				5,965	
TOTAL REQUEST (ROUNDED)				6,000	
INSTALLED EQT-OTHER APPROPRIATIONS				(10,402)	
10. Description of Proposed Construction Construct a permanent Regional Air/Land Battle Emulation Complex to accommodate a Close Combat Tactical Trainer (CCTT) with 38 fixed tactical vehicle modules. The facility includes a simulator bay, maintenance areas, after-action review rooms, conference room, office space, library, mechanical room, mud room, latrines, and storage area. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; upgrade access road; remove existing apron and fencing; parking; oil-water separator; storm drainage; fencing and gates; information systems; site improvements; and special site unique lightning protection. Access for the handicapped will be provided. Heating will be provided by a self-contained system. Air conditioning: 300 tons. Comprehensive interior design service is requested.					
11. REQ: 4,162 m2 ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a Regional Air/Land Battle Emulation Complex to accommodate a CCTT. (New Mission)					
REQUIREMENT: This project will provide the facility to support a combined arms tactical training system complex. This facility and equipment will provide the capability to train individual and collective (crew through					

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			22 MAR 1996
3. INSTALLATION AND LOCATION			
Fort Stewart, Georgia			
4. PROJECT TITLE		5. PROJECT NUMBER	
Close Combat Tactical Training Building		42250	
<p><u>REQUIREMENT: (CONTINUED)</u></p> <p>battalion task force) tasks and skills in command, control, and communications, and maneuver, and to integrate the functions of combat support service support units. The facility will house a group of fully interactive networked emulators and command, control, and communications work stations, simulating the vehicles and weapons systems of an armor battalion task force and its supporting combat, combat support, and combat service support elements, operating on an emulated real-time battlefield. This training facility will provide highly effective, combined arms training in a simulation environment. Training received in this facility will greatly reduce the requirement for expensive, equipment intensive, field tactical exercises.</p> <p><u>CURRENT SITUATION:</u> This project will support a new Army/Department of Defense initiative for a worldwide training system. Adequate facilities to support this developing family of training simulators are not available at Fort Stewart. Currently, tactical combined arms training is achieved by using tactical vehicles and soldiers in field training exercises. This expensive, equipment intensive method of training reduces the operational life of tactical equipment.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, greater reliance on the use of field exercises will continue. Increasing costs, decreasing budgets, and environmental concerns are eroding the amount and quality of tactical combat training provided to modern soldiers. Failure to provide this project will prevent the Army from providing a lower cost alternative to augment and enhance field training. Field exercises will continue to place unnecessary wear and tear on combat equipment and consume larger quantities of fuel. The Army will miss an opportunity to train for tactical superiority in the battlefield environment.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>			
12. SUPPLEMENTAL DATA:			
A. Estimated Design Data:			
(1) Status:			
(a) Design Start Date.....			JAN 1995
(b) Percent Complete As Of 01 January 96 (BDGT YR) ..			50
(c) Percent Complete As Of 01 October 96 (PROG YR) ..			100
(d) Design Complete Date.....			SEP 1996
(2) Basis:			

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Stewart, Georgia		
4. PROJECT TITLE Close Combat Tactical Training Building	5. PROJECT NUMBER 42250	
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(a) Standard or Definitive Design - (YES/NO) Y (b) Where Design Was Most Recently Used Fort Hood		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		300
(b) All Other Design Costs.....		180
(c) Total Design Cost.....		480
(d) Contract.....		360
(e) In-house.....		120
(4) Construction Start.....		JAN 1997 month & year
B. Equipment associated with this project which will be provided from other appropriations:		
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	Fiscal Year Appropriated Or Requested Cost (\$000)
Simulators	OPA	1997 10,400
Info Sys - ISC	OPA	1997 2
	TOTAL	10,402
Installation Engineer: LTC Carey W. Brown Phone Number: (912) 767-8356		

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	PAGE
Kansas		Fort Riley (FORSCOM)			49
	10537	Whole Barracks Complex Renewal	26,000	26,000	51
		Subtotal Fort Riley PART I	\$ 26,000	26,000	
		* TOTAL MCA FOR Kansas	\$ 26,000	26,000	

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM				2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Fort Riley Kansas		4. COMMAND US Army Forces Command			5. AREA CONSTRUCTION COST INDEX 0.98	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED			
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL		
A. AS OF 30 SEP 1995	1567 12819 1957	0 131 0	18 0 755	17,247		
B. END FY 2001	1592 13144 1865	0 130 0	18 0 755	17,504		

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	40,742 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	1,646,004
C. AUTHORIZATION NOT YET IN INVENTORY.....	63,766
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	26,000
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	22,200
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	81,669
H. GRAND TOTAL.....	1,839,639

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
721	10537	Whole Barracks Complex Renewal	26,000	11/1995 04/1997
TOTAL			26,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 1998 PROGRAM:		
171	Close Combat Tactical Trainer Building	6,200
711	Whole Barracks Complex Renewal	16,000
TOTAL		22,200
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Provide for the support and training of the First Infantry Division (Mech) and non-divisional support units. Support the US Army Confinement Brigade, Third Region ROTC, Readiness Group, and reserve components training.

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE 22 MAR 1996						
INSTALLATION AND LOCATION: Fort Riley Kansas								
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <div style="float: right;">(\$000)</div> <div style="clear: both;"></div> <table> <tr> <td>A. AIR POLLUTION</td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY					22 MAR 1996	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE		
Fort Riley Kansas				Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22696A		721	10537	Auth 26,000 Approp 26,000		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					19,615	
Barracks		m2	9,275	1,187	(11,009)	
Soldier Community Building		m2	1,358	1,187	(1,612)	
Company Operations Facility (8)		m2	5,231	1,184	(6,193)	
EMCS Preparation		LS	--	--	(89)	
INS Installation		LS	--	--	(2)	
Building Information Systems		LS	--	--	(710)	
<u>SUPPORTING FACILITIES</u>					4,144	
Electric Service		LS	--	--	(266)	
Water, Sewer, Gas		LS	--	--	(819)	
Steam And/Or Chilled Water Distr		LS	--	--	(842)	
Paving, Walks, Curbs And Gutters		LS	--	--	(1,201)	
Storm Drainage		LS	--	--	(169)	
Site Imp(847) Demo()		LS	--	--	(847)	
ESTIMATED CONTRACT COST					23,759	
CONTINGENCY PERCENT (5.00%)					1,188	
SUBTOTAL					24,947	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,497	
TOTAL REQUEST					26,444	
TOTAL REQUEST (ROUNDED)					26,000	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct a standard-design barracks complex. Project includes barracks, soldier community building, and company operations facilities. Project includes living/sleeping rooms, private baths, walk-in closet, storage, and laundry. Install an intrusion detection system (IDS) in the company operations facilities. Install utility meters and energy monitoring and control system (EMCS) with connection to installation system. Supporting facilities include utility extension and connections; underground electric service; exterior lighting; fire protection and alarm systems; access roads; paving, walks, curbs and gutters; parking; storm drainage; signs; information systems; and site improvements. Access for the handicapped will be provided in the soldier community building. Heating and air conditioning will be provided by central chiller plant (250 tons) for the barracks and self-contained gas-fired heaters and package air conditioners (80 tons) for the company operations facilities.						
11. REQ: 4,616 PN ADQT: 1,278 PN SUBSTD: 4,439 PN PROJECT: Construct a barracks complex to meet the Whole Barracks Renewal Program Standard. (Current Mission)						

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Riley, Kansas		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 10537
<p><u>REQUIREMENT:</u> This project is second of three phases required to construct a barracks complex for the 1st Brigade. Maximum utilization is 312 spaces. Intended utilization is 256 E1-E4s and 28 E5-E6s. This project will replace six hammerhead and four H-type barracks of the entire 1st Brigade and two separate battalions area. Living conditions and quality of life environment will greatly improve individual privacy, thus enhancing the attractiveness of the military service and contributing to Army readiness. This project supports the Army goal of replacing aging infrastructure. The facilities to be renewed lack the necessities that are currently authorized for enlisted personnel. This project will significantly increase the quality of life for soldiers living in the barracks. This project is also required to provide replacement support facilities for functions currently located in the barracks. Current renewal standards do not permit administrative functions or dining facilities to be located in barracks.</p> <p><u>CURRENT SITUATION:</u> These facilities are almost 40 years old and have received only partial renovations. The electrical, plumbing and mechanical systems are failing and require increasing levels of maintenance. The buildings are not energy efficient being constructed prior to the current energy standards. Existing latrine facilities have extremely poor ventilation and moisture and condensation problems create constant complaints. It is impossible to provide adequate facilities for female soldiers without isolating one-half of a floor. Buildings fail to meet current fire life safety codes and lack the structural reinforcement necessary to meet seismic zone II requirements. These facilities were constructed in the mid 1950s as troop billets with open bays. Partitions were installed in the mid 1970s under VOLAR projects which divided the open bays into two, three and four-man rooms. However, nothing was done to exterior of the facilities or to the windows. The building exterior is painted concrete block. Mortar joints have failed and concrete window sills have spalled. The windows are still the original metal framed single pane glazing and do not have thermal breaks in the frames. Their are condensation problems and ice forms on windows, frames and sills. As a result, temperatures throughout the building vary greatly. Wind chill factors at Fort Riley can reach -50 degrees F in the winter. Energy efficiency is impossible to obtain and continues to be a costly burden on the installation. However, the discomfort and inconvenience to the soldier has the greater effect on his efficiency and morale. Gang type latrines and showers are shared by approximately 80 soldiers on each floor.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, personnel assigned to these barracks will continue to lack those amenities in their living quarters currently recognized as standard for new facilities with inevitable dissatisfaction. The lack of adequate, modern living facilities for these personnel will continue to have an adverse impact on troop morale and retention rates. Existing mechanical and electrical systems will continue to deteriorate requiring increased piecemeal maintenance and replacement. Buildings will continue to increase in energy usage as efficiency of the</p>		

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Riley, Kansas		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 10537
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>components and building fabric deteriorate. Increasing amounts of scarce operation and maintenance funds will be used to maintain buildings well past their useful life. Dead end halls, excessive distance to exits, and insufficient seismic reinforcement all contribute to potential loss of life in the event of fire or earthquake.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. This project conforms to the new OSD design criteria for barracks construction. An economic analysis was prepared and utilized in evaluating this project. This is the second of several projects required to replace all of the hammerhead and H-type barracks at Fort Riley. Parametric estimates have been used to develop project costs. This is the second of several projects required to replace all of the hammerhead and H-type barracks at Fort Riley. This barracks complex is one of five required to provide 1,578 new spaces. PN 46760 and 46871 will provide an additional 312 spaces, PN 45229 will provide 324 spaces and PN 10538 will provide 618 new spaces. FY 94 Project Number 10534 will modernize two barracks and will provide 224 adequate spaces. Additional projects are programmed to replace the rolling pin type barracks.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Design Start Date.....	NOV 1995	
(b) Percent Complete As Of 01 January 96 (BDGT YR)...	15	
(c) Percent Complete As Of 01 October 96 (PROG YR)...	60	
(d) Design Complete Date.....	APR 1997	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used	USACE	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	780	
(b) All Other Design Costs.....	600	
(c) Total Design Cost.....	1,380	
(d) Contract.....		
(e) In-house.....	1,380	

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Riley, Kansas		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 10537
12. <u>SUPPLEMENTAL DATA:</u> (Continued) A. Estimated Design Data: (Continued) (4) Construction Start..... <u>JUL 1997</u> month & year		
<p style="text-align: right;">Installation Engineer: LTC Gary Heer Phone Number: (913) 239-3906</p>		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	PAGE
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	
Kentucky		Fort Campbell (FORSCOM)			57
	12967	Rail Spur	16,100	16,100	59
	46739	Whole Barracks Complex Renewal Ph II	35,000	35,000	62
		Subtotal Fort Campbell PART I	\$ 51,100	51,100	
		* TOTAL MCA FOR Kentucky	\$ 51,100	51,100	

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Campbell Kentucky	4. COMMAND US Army Forces Command	5. AREA CONSTRUCTION COST INDEX 0.99

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST CIVIL TOTAL
A. AS OF 30 SEP 1995	2866	19854	2556	23 245 0	18 119 3400 29,081
B. END FY 2001	2853	20135	2216	4 250 0	18 119 3400 28,995

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	42,520 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	2,484,932
C. AUTHORIZATION NOT YET IN INVENTORY.....	192,239
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	51,100
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	35,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	145,906
H. GRAND TOTAL.....	2,909,177

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
860	12967	Rail Spur	16,100	07/1995 07/1997
721	46739	Whole Barracks Complex Renewal Ph II	35,000	12/1995 11/1996
TOTAL			51,100	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. INCLUDED IN THE FY 1998 PROGRAM:		
721	Whole Barracks Complex Renewal	35,000
TOTAL		35,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<p>Support and training of an Airborne (Air Assault) Division and other non-divisional support units. Ensure the most efficient utilization of resources to operate the installation and discharge the Fort Campbell area support mission. Ensure that Fort Campbell is prepared for mobilization. Provide command and control, and prepare designated units to rapidly deploy worldwide for the performance of combat, combat support, and combat service support missions as assigned.</p>

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE 22 MAR 1996						
INSTALLATION AND LOCATION: Fort Campbell Kentucky								
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <div style="float: right;">(\$000)</div> <table> <tr> <td>A. AIR POLLUTION</td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </table>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Rail Spur			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 860	7. PROJECT NUMBER 12967	8. PROJECT COST (\$000) Auth 16,100 Approp 16,100		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					14,466	
Railroad Tracks		km	11.27	386,414	(4,355)	
Subballast		m3	16,285	29.98	(488)	
Embankment		m3	407,508	15.21	(6,199)	
Excavation		m3	168,202	7.52	(1,265)	
Turnout		EA	1	92,002	(92)	
Total from Continuation page					(2,067)	
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST					14,466	
CONTINGENCY PERCENT (5.00%)					723	
SUBTOTAL					15,189	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					911	
TOTAL REQUEST					16,100	
TOTAL REQUEST (ROUNDED)					16,100	
INSTALLED EQT-OTHER APPROPRIATIONS					(0)	
10. Description of Proposed Construction Construct a railroad connector track to connect a government-owned railroad track with an active commercial railroad. Work includes an engine siding, signalization, crossings, road alterations, access road, and fiber optic relocation. The construction of this connector line will require land acquisition. The acquisition will be a right-of-way 100 feet by five miles long.						
11. REQ: 11 km ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a railroad connector track. (Current Mission)						
REQUIREMENT: This project is required to expedite deployment of the 101st Airborne Air Assault (AASLT) Division and units assigned to Fort Campbell as their mobilization station. The project will provide a direct access to an active major rail line and provide a means to get to a major railroad without breaking tow. The rail requirements for Fort Campbell can be met better by a direct rail access than by an interchange within the city of Hopkinsville, Kentucky. This project will eliminate a requirement to maintain approximately six miles of railroad from Masonville to Hopkinsville. This project is consistent with the requirements identified by the Defense Mobility Requirements Study (DMRS) and is part of the Army's Strategic Mobility Plan						

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		22 MAR 1996

3. INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4. PROJECT TITLE

Rail Spur

5. PROJECT NUMBER

12967

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost (\$000)
PRIMARY FACILITY (CONTINUED)				
Signal	EA	1	383,067	(383)
Road Crossing Flashing Light	EA	2	114,593	(229)
Grade Crossing Surfaces	m	24.38	1,129	(28)
Grade Separation Structures	m	48.77	7,519	(367)
Engine Siding	m	152.40	580.05	(88)
Street Alterations	LS	--	--	(190)
Fiber Optics Relocation	EA	2	57,843	(116)
Land Acquisition	ha	24.69	26,975	(666)
			Total	2,067

REQUIREMENT: (CONTINUED)

(ASMP) to meet contingency force deployment timelines.

CURRENT SITUATION: The present rail connection between Fort Campbell and an active main railroad is through an interchange at Hopkinsville. The interchange can handle only five cars at a time; therefore, a train must be broken up into five car segments and transferred to a commercial railroad system.

IMPACT IF NOT PROVIDED: If this project is not provided, loss of time and resources to break trains in order to get an active main line will continue.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have been used to develop project costs.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	JUL 1995
(b) Percent Complete As Of 01 January 96 (BDGT YR)...	15
(c) Percent Complete As Of 01 October 96 (PROG YR)...	70
(d) Design Complete Date.....	JUL 1997

(2) Basis:

- (a) Standard or Definitive Design - (YES/NO) N
- (b) Where Design Was Most Recently Used

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Campbell, Kentucky		
4. PROJECT TITLE Rail Spur		5. PROJECT NUMBER 12967
12. SUPPLEMENTAL DATA: (Continued) A. Estimated Design Data: (Continued)		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		950
(b) All Other Design Costs.....		200
(c) Total Design Cost.....		1,150
(d) Contract.....		50
(e) In-house.....		1,100
(4) Construction Start.....		DEC 1996
		month & year
<p style="text-align: right;">Installation Engineer: John L. McGonigle Phone Number: (502) 798-8980</p>		

1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky				4. PROJECT TITLE Whole Barracks Complex Renewal Ph II		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 721	7. PROJECT NUMBER 46739	8. PROJECT COST (\$000) Auth 35,000 Approp 35,000		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					25,623	
Enlisted Barracks		m2	20,538	1,093	(22,438)	
Soldier Community Building		m2	2,716	1,093	(2,967)	
EMCS		LS	--	--	(40)	
Building Information Systems		LS	--	--	(178)	
<u>SUPPORTING FACILITIES</u>					5,893	
Electric Service		LS	--	--	(300)	
Water, Sewer, Gas		LS	--	--	(362)	
Paving, Walks, Curbs And Gutters		LS	--	--	(1,346)	
Storm Drainage		LS	--	--	(125)	
Site Imp(996) Demo(2,466)		LS	--	--	(3,463)	
Information Systems		LS	--	--	(297)	
ESTIMATED CONTRACT COST					31,516	
CONTINGENCY PERCENT (5.00%)					1,576	
SUBTOTAL					33,092	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,986	
TOTAL REQUEST					35,078	
TOTAL REQUEST (ROUNDED)					35,000	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct a standard-design barracks complex. Project includes living/sleeping rooms, private baths, and walk-in closets. Soldier community building includes dayroom, television room, storage, and laundry. Connect energy monitoring and control systems (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Access for the handicapped will be provided in administrative areas. Heating will be provided by gas-fired units and air conditioning (1,250 tons) by self-contained units. Demolish eight buildings (302,082 SF) within the footprint.						
11. REQ: 9,950 PN ADQT: 2,456 PN SUBSTD: 8,987 PN						
PROJECT: Construct a barracks complex to meet the Whole Barracks Renewal Program Standard. (Current Mission)						
REQUIREMENT: This phase (Phase 2) is part of three phases to construct a barracks complex that includes three barracks buildings, company and battalion operations facilities, brigade headquarters, and dining facility. This project is required to provide barracks, operations, and community facilities. Maximum barracks utilization for Phases 1-3 is 1,100 spaces. Intended utilization is						

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		22 MAR 1996
3. INSTALLATION AND LOCATION		
Fort Campbell, Kentucky		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal Ph II	46739	
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(e) In-house.....	1,646	
(4) Construction Start.....	MAR 1997 month & year	
<p>Installation Engineer: John L. McGonigle</p> <p>Phone Number: (502) 798-8980</p>		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Texas		Fort Hood (FORSCOM)			67
	40624	Close Combat Tactical Training Building II	5,900	5,900	69
	46299	Whole Barracks Complex Renewal Ph II	35,000	35,000	72
		Subtotal Fort Hood PART I	\$ 40,900	40,900	
		* TOTAL MCA FOR Texas	\$ 40,900	40,900	

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM		2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Fort Hood Texas	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 0.90	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER ENLIST CIVIL			OFFICER ENLIST CIVIL			OFFICER ENLIST CIVIL		TOTAL	
A. AS OF 30 SEP 1995	4791	38991	3593	0	333	0	81	265	3300	51,354
B. END FY 2001	4571	38106	3257	0	354	0	78	266	3300	49,932

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	87,990 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	3,459,818
C. AUTHORIZATION NOT YET IN INVENTORY.....	181,000
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	40,900
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	152,293
H. GRAND TOTAL.....	3,834,011

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:				
CATEGORY PROJECT			COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
171	40624	Close Combat Tactical Training Building II	5,900	03/1995 09/1996
721	46299	Whole Barracks Complex Renewal Ph II	35,000	01/1995 09/1996
TOTAL			40,900	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 1998 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Support and training of III Corps Headquarters and organizations assigned to III Corps, including 1st CAV Division. Ensure the most efficient utilization of resources to operate Fort Hood and accomplish all assigned missions. Ensure Fort Hood is prepared for mobilization.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Fort Hood Texas			4. PROJECT TITLE Close Combat Tactical Training Building II			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 171	7. PROJECT NUMBER 40624		8. PROJECT COST (\$000) Auth 5,900 Approp 5,900	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,319
Regional A/L Battle Emulation			m2	4,080	962.19	(3,926)
Special Foundation			LS	--	--	(172)
Hardstand			m2	2,843	33.34	(95)
EMCS Connection			LS	--	--	(5)
Building Information Systems			LS	--	--	(121)
<u>SUPPORTING FACILITIES</u>						947
Electric Service			LS	--	--	(175)
Water, Sewer, Gas			LS	--	--	(43)
Paving, Walks, Curbs And Gutters			LS	--	--	(229)
Storm Drainage			LS	--	--	(109)
Site Imp(358) Demo()			LS	--	--	(358)
Information Systems			LS	--	--	(33)
ESTIMATED CONTRACT COST						5,266
CONTINGENCY PERCENT (5.00%)						263
SUBTOTAL						5,529
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						332
TOTAL REQUEST						5,861
TOTAL REQUEST (ROUNDED)						5,900
INSTALLED EQT-OTHER APPROPRIATIONS						(9,434)
10. Description of Proposed Construction Construct a Regional Air/Land Battle Emulation Complex (RALBEC) to accommodate a close combat tactical trainer (CCTT) with 38 fixed tactical vehicle modules. Project includes simulator bay, classrooms, briefing and debriefing area, current state-of-the-art audiovisual training rooms; administrative office space; storage areas for general, secure, and sensitive materials; spare parts, tool storage, repair and maintenance shop area; emergency generator; computer floor; hardstand; and loading docks. Special foundation work is required. Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; security lighting, fencing and gates; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (275 tons) will be provided by self-contained systems.						
11. REQ: 12,393 m2 ADQT: 4,069 m2 SUBSTD: NONE PROJECT: Construct a Regional Air/Land Battle Emulation Complex. (New Mission)						

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Hood, Texas.		
4. PROJECT TITLE Close Combat Tactical Training Building II		5. PROJECT NUMBER 40624
<p><u>REQUIREMENT:</u> This project is required to support the combined arms tactical training system. This facility will contain equipment to provide a system to train and sustain individual and collective (crew through company task force) tasks and skills in command and control, communications, and maneuver, and to integrate the function of combat support and combat service support units. This is accomplished by using a group of fully interactive networked emulators and command, control and communications work stations, replicating the vehicles and weapons systems of a mechanized infantry or armor battalion task force and its supporting combat, combat support, and combat service support elements, operating on an emulated real-time battlefield.</p> <p><u>CURRENT SITUATION:</u> This is an Army/Department of Defense initiative; no facilities or equipment exist at Fort Hood that can provide or house this training system. Training of the individual to properly respond within the combined arms team is the keystone that will be emphasized and developed with this family of systems. Adequate existing facilities to support this mission are not available for this developing family of systems. Currently, tactical combined arms training is achieved by using tactical vehicles and soldiers in field training exercises. This method of training is expensive and equipment intensive, which reduces the operational life of the tactical equipment. Use of the combined arms tactical trainers provides an alternative to the use of tactical field exercises as the sole means to achieve totally trained forces.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, use of field exercise training events to train the soldier will continue. The present system of training is costly and relies on a diminishing base for funds and resources required for its support. As competition for funds intensifies, lower cost alternatives to augment and enhance field training must be developed. Continued use of "field" exercises places a high degree of wear on combat equipment for which funding is becoming more difficult to obtain. The use of a close combat tactical trainer system provides a highly effective training method at a lower cost, giving the Army tactical superiority in the battlefield environment.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>		

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Hood, Texas		
4. PROJECT TITLE Close Combat Tactical Training Building II	5. PROJECT NUMBER 40624	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	<u>MAR 1995</u>
(b) Percent Complete As Of 01 January 96 (BDGT YR) ..	<u>50</u>
(c) Percent Complete As Of 01 October 96 (PROG YR) ..	<u>100</u>
(d) Design Complete Date.....	<u>SEP 1996</u>

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y

(b) Where Design Was Most Recently Used
Fort Hood

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>285</u>
(b) All Other Design Costs.....	<u>245</u>
(c) Total Design Cost.....	<u>530</u>
(d) Contract.....	<u> </u>
(e) In-house.....	<u>530</u>

(4) Construction Start..... FEB 1997
month & year

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
Simulators	OPA	1997	9,400
Info Sys - ISC	OPA	1997	10
Info Sys - PROP	OPA	1997	24
TOTAL			9,434

Installation Engineer: COL Albert G. Bungard
Phone Number: (817) 287-5057

1. COMPONENT		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY					22 MAR 1996	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Fort Hood Texas			Whole Barracks Complex Renewal Ph II			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22696A		721	46299	Auth 35,000 Approp 35,000		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					29,154	
Enlisted barracks		m2	26,912	1,057	(28,447)	
Special Foundations		LS	--	--	(437)	
Building Information Systems		LS	--	--	(270)	
<u>SUPPORTING FACILITIES</u>					2,424	
Electric Service		LS	--	--	(89)	
Water, Sewer, Gas		LS	--	--	(284)	
Paving, Walks, Curbs And Gutters		LS	--	--	(409)	
Storm Drainage		LS	--	--	(19)	
Site Imp(282) Demo(1,032)		LS	--	--	(1,313)	
Information Systems		LS	--	--	(310)	
ESTIMATED CONTRACT COST					31,578	
CONTINGENCY PERCENT (5.00%)					1,579	
SUBTOTAL					33,157	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					1,989	
TOTAL REQUEST					35,146	
TOTAL REQUEST (ROUNDED)					35,000	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct Phase II of a barracks complex. Project includes living/sleeping rooms, private baths, walk-in closets, and balconies for the barracks complex. Special foundation work is required due to expansive soils found at Fort Hood. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; ballpark; and site improvements. Air conditioning (800 tons) will be provided by a central energy plant and chilled water distribution. Demolish five buildings and an attached dining facility (96,101 total SF) within the footprint. Remove asbestos and lead paint prior to demolition. Comprehensive interior design services are requested.						
11. REQ: 17,494 PN ADQT: 7,800 PN SUBSTD: 9,694 PN PROJECT: Construct Phase II of a barracks complex to meet the Whole Barracks Renewal Program Standard. (Current Mission) REQUIREMENT: This project is Phase II of a project required to continue barracks to provide adequate housing for 694 E1-E4 and 61 E5-E6 for a total of 755 enlisted personnel. Maximum utilization is 816 personnel.						

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Hood, Texas		
4. PROJECT TITLE Whole Barracks Complex Renewal Ph II		5. PROJECT NUMBER 46299
<p><u>CURRENT SITUATION:</u> The 91000 block consists of four barracks; all will be replaced by Phase II. These barracks were constructed in the 1960s as troop billets and are now substandard. They include multiple person rooms and gang latrines with rapidly deteriorating mechanical, electrical, and plumbing systems. The air conditioning system is inefficient and requires frequent repairs. The hot water system is unable to meet the demand at peak use times. Approximately half of the units scheduled to occupy the new barracks (1st Cavalry Aviation Brigade) must travel from the main cantonment area (current barracks location) to Robert Gray Army Airfield (RGAAF) (work location). This is a distance of approximately ten miles. These six buildings are presently utilized at a total of 434 spaces. After completion of the barracks complex, barracks capacity will be increased to 816 spaces to also accommodate the Aviation Brigade.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, outdated, inefficient facilities will continue to deteriorate. The units will continue to operate from facilities dispersed over a large area. Manpower will continue to be wasted on travel between the main cantonment and RGAAF. Current routine maintenance in a period of declining resources will not meet the heavy demands and major system failures will occur. Manhours expended for backlog maintenance and repair will continue to increase. Quality-of-life program goals for enlisted soldiers cannot be met without this whole barracks project.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. This project conforms to the new OSD criteria for barracks construction. An economic analysis has been prepared and utilized in evaluating this project. This project is related to FY 96 Project Number 23646, Whole Barracks Renewal Phase I. This project is related to FY 96 Project Number 23646 Whole Barracks Renewal Phase I. The barracks living spaces will be provided in Phase II.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Design Start Date.....	JAN 1995	
(b) Percent Complete As Of 01 January 96 (BDGT YR) ..	40	
(c) Percent Complete As Of 01 October 96 (PROG YR) ..	100	
(d) Design Complete Date.....	SEP 1996	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) Y		
(b) Where Design Was Most Recently Used	USACE	

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		22 MAR 1996
3. INSTALLATION AND LOCATION		
Fort Hood, Texas		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal Ph II	46299	
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):		(\$000)
(a) Production of Plans and Specifications.....		1,400
(b) All Other Design Costs.....		700
(c) Total Design Cost.....		2,100
(d) Contract.....		1,700
(e) In-house.....		400
(4) Construction Start.....		FEB 1997
		month & year
<p>Installation Engineer: COL Albert G. Bungard</p> <p>Phone Number: (817) 287-5057</p>		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
	NUMBER	PROJECT TITLE			
Washington		Fort Lewis (FORSCOM)			77
	40875	Readiness Deployment Facility	3,600	3,600	79
	41545	Whole Barracks Complex Renewal	49,000	49,000	82
	44426	Tank Trail Erosion Mitigation-Yakima	2,000	2,000	85
		Subtotal Fort Lewis PART I-	\$ 54,600	54,600	
		* TOTAL MCA FOR Washington	\$ 54,600	54,600	
		** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 284,400	284,400	

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Lewis Washington	4. COMMAND US Army Forces Command	5. AREA CONSTRUCTION COST INDEX 1.08

6. PERSONNEL STRENGTH:									
	PERMANENT			STUDENTS			SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 30 SEP 1995	1887	14361	3146	19	267	0	52	141	2302
B. END FY 2001	1671	13984	1931	14	298	0	49	132	2313
									TOTAL
									22,175
									20,392

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	38,452 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	2,860,555
C. AUTHORIZATION NOT YET IN INVENTORY.....	170,642
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	54,600
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	28,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	241,558
H. GRAND TOTAL.....	3,355,355

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:					
CATEGORY PROJECT		PROJECT TITLE	COST (\$000)	DESIGN STATUS	
CODE	NUMBER			START	COMPLETE
141	40875	Readiness Deployment Facility	3,600	03/1994	05/1995
721	41545	Whole Barracks Complex Renewal	49,000	10/1993	09/1996
851	44426	Tank Trail Erosion Mitigation-Yakima	2,000	09/1994	09/1996
TOTAL			54,600		

9. FUTURE PROJECTS:		
CATEGORY PROJECT		COST (\$000)
CODE	PROJECT TITLE	
A. INCLUDED IN THE FY 1998 PROGRAM:		
851	Tank Trail Erosion Mitigation-Yakima	2,000
721	Whole Barracks Complex Renewal	26,000
TOTAL		28,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

Support and training of I Corps Headquarters and organizations assigned to I Corps, including a motorized brigade. Support Madigan Army Medical Center and Reserve Component annual training. Ensure the most efficient utilization of resources to operate Fort Lewis and accomplish all assigned missions. Conduct mobilization operations to meet wartime requirements. Conduct operations in support of civil authorities in domestic emergencies.

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE 22 MAR 1996								
INSTALLATION AND LOCATION: Fort Lewis Washington										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td>(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Fort Lewis Washington				4. PROJECT TITLE Readiness Deployment Facility		
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 141	7. PROJECT NUMBER 40875		8. PROJECT COST (\$000) Auth 3,600 Approp 3,600	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,351
Troop Holding Facility			m2	2,137	855.73	(1,829)
DACG Administration Facility			m2	278.71	1,345	(375)
Covered Storage Facility			m2	148.64	651.24	(97)
Building Information Systems			LS	--	--	(50)
<u>SUPPORTING FACILITIES</u>						871
Electric Service			LS	--	--	(417)
Water, Sewer, Gas			LS	--	--	(36)
Steam And/Or Chilled Water Distr			LS	--	--	(40)
Paving, Walks, Curbs And Gutters			LS	--	--	(57)
Storm Drainage			LS	--	--	(15)
Site Imp(136) Demo(156)			LS	--	--	(293)
Information Systems			LS	--	--	(13)
ESTIMATED CONTRACT COST						3,222
CONTINGENCY PERCENT (5.00%)						161
SUBTOTAL						3,383
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						203
TOTAL REQUEST						3,586
TOTAL REQUEST (ROUNDED)						3,600
INSTALLED EQT-OTHER APPROPRIATIONS						()
10. Description of Proposed Construction Construct a readiness deployment facility for mobilization and training. Project includes an enclosed troop holding facility, hardstand, pallet reassembly facility, Deployment Air Control Group (DACG) administration facility, and vehicle inspection and marshalling areas. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; steam distribution lines; storm drainage; fencing; information systems; and site improvements. Mechanical ventilation: 25,000 CFM. Demolish two buildings (6,090 SF).						
11. REQ: 2,642 m2 ADQT: NONE SUBSTD: NONE PROJECT: Construct a readiness deployment facility at McChord Air Force Base (MAFB). (Current Mission) REQUIREMENT: This project is required to provide a marshalling point for rapid air deployment of military personnel, and their vehicles and equipment. This facility will also be utilized by conventional and special units stationed at Fort Lewis, and Reserve and National Guard units stationed in the area and on Fort Lewis, for aerial training and rapid deployment. Over 125 units will deploy from this facility. This project is consistent with the						

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Lewis, Washington		
4. PROJECT TITLE Readiness Deployment Facility		5. PROJECT NUMBER 40875
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>requirements identified by the Defense Mobility Requirements Study (DMRS) and is part of the Army's Strategic Mobility Plan (ASMP) to meet contingency force deployment timelines.</p> <p><u>CURRENT SITUATION:</u> Currently readiness deployment is done outside in rapidly assembled tents located near the airfield, a temporary wood facility (4,670 SF), in the passenger (PAX) terminal, and in available hangars. Preparation for troop, supply and vehicle assembly requires 16,000 manhours of initial work before deployment operations can begin. Communications are strained to the limit for interface coordination between MAFB and Fort Lewis. Many of the missions require secrecy and concealment of classified equipment from satellites overhead and perimeter observation which is not available. For training exercises during the rainy season, a dilapidated wooden World War II building at MAFB is used. This building can accommodate 60 personnel. The soldiers are then bussed or trucked to the airfield for loading aboard aircraft. With the movement of additional units to MAFB other facilities will no longer be available. For soldiers who do parachute training, they have to chute up on the parked aircraft in order to keep the parachutes dry. This is due to the bulkiness of the equipment the parachutist wears which does not allow him to sit in a bus seat or climb into a truck for transport to the aircraft. In this cramped space on the aircraft, it is very difficult for the jumpmaster to do the required safety checks. Also, having to wait in buses or in the back of truck transport has an adverse effect on the morale and welfare of the soldier. The available facilities at MAFB for deploying troops are wooden facilities and are in need of extensive renovation which is cost prohibitive, the PAX terminal which is personnel limited due to its small size, and hangars when they are available which lack adequate heat and personal facilities to handle a large military unit.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, preparation, assembly, and deployment of troops, equipment, and supplies during wartime will be delayed because no permanent readiness deployment facility is located near the airfield. Also, preparation and safety checks for airborne exercises will continue to delay schedules and extend waiting times. Additionally, secrecy and concealment will be compromised because there is no enclosed deployment facility existing next to the McChord airfield. Deployment of Fort Lewis units will take six to eight days for a sustained loadout. The Air Force may not have facilities available.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. An economic analysis has been prepared and utilized in evaluating this project.</p>		

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Lewis, Washington		
4. PROJECT TITLE Readiness Deployment Facility	5. PROJECT NUMBER 40875	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	<u>MAR 1994</u>
(b) Percent Complete As Of 01 January 96 (BDGT YR) ..	<u>100</u>
(c) Percent Complete As Of 01 October 96 (PROG YR) ..	<u>100</u>
(d) Design Complete Date.....	<u>MAY 1995</u>

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) N

(b) Where Design Was Most Recently Used

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>167</u>
(b) All Other Design Costs.....	<u>127</u>
(c) Total Design Cost.....	<u>294</u>
(d) Contract.....	<u>202</u>
(e) In-house.....	<u>92</u>

(4) Construction Start..... DEC 1996
month & year

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
NA			

Installation Engineer: COL Arthur B. Gravatt, III
Phone Number: (206) 967-3191

1. COMPONENT		MILITARY CONSTRUCTION PROJECT DATA			2. DATE	
ARMY		FY 1997			22 MAR 1996	
3. INSTALLATION AND LOCATION			4. PROJECT TITLE			
Fort Lewis Washington			Whole Barracks Complex Renewal			
5. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)		
22696A		721	41545	Auth 49,000 Approp 49,000		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					29,503	
Enlisted Barracks		m2	8,779	1,173	(10,301)	
Soldier Community Building		m2	2,070	1,173	(2,429)	
Dining Facility		m2	1,397	1,938	(2,708)	
Company Operations Facilities		m2	4,950	1,206	(5,967)	
BN Administration/Classroom Bldg		m2	4,568	1,249	(5,704)	
Total from Continuation page					(2,394)	
<u>SUPPORTING FACILITIES</u>					14,728	
Electric Service		LS	---	---	(2,085)	
Water, Sewer, Gas		LS	---	---	(960)	
Paving, Walks, Curbs And Gutters		LS	---	---	(3,800)	
Storm Drainage		LS	---	---	(1,350)	
Site Imp(5,427) Demo()		LS	---	---	(5,427)	
Information Systems		LS	---	---	(1,106)	
ESTIMATED CONTRACT COST					44,231	
CONTINGENCY PERCENT (5.00%)					<u>2,212</u>	
SUBTOTAL					46,443	
SUPERVISION, INSPECTION & OVERHEAD (6.00%)					<u>2,787</u>	
TOTAL REQUEST					49,230	
TOTAL REQUEST (ROUNDED)					49,000	
INSTALLED EQT-OTHER APPROPRIATIONS					(2,887)	
10. Description of Proposed Construction Construct a barracks complex and road network for North Fort Lewis barracks renewal. Barracks complex to include a consolidated standard-design dining facility, four medium and two large separate company administration and supply facilities, three battalion headquarters, and an arms room. Barracks include living/sleeping rooms, private baths, walk-in closets, dayroom, storage, and laundry. Install an intrusion detection system (IDS) in companies, battalions and brigade headquarters. Supporting facilities include improving and increasing capacity of existing road network, utilities; electric service; security and street lighting; fire protection and alarm systems; paving, walks, curbs and gutters; fencing and gates; guardhouse; storm and sanitary sewers; information systems; and site improvements. Remove pavement (50,000 SY). Access for the handicapped will be provided in the battalion headquarters. Heating will be provided by dual-fuel (gas/oil-fired) self-contained systems. Mechanical ventilation: 600,000 CFM. Supporting facilities cost is high due to replacement of streets and associated utilities. Provide comprehensive building and furnishings related interior design services.						

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Lewis, Washington		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 41545

9. COST ESTIMATES (CONTINUED)

<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Brigade Command & Control	m2	1,078	1,249	(1,346)
IDS Installation	LS	--	--	(44)
Building Information Systems	LS	--	--	(1,004)
			Total	2,394

11. REQ: 10,167 PN ADQT: 1,605 PN SUBSTD: 7,587 PN

PROJECT: Construct a barracks complex to meet the Whole Barracks Renewal Program Standard and construct North Fort arterial infrastructure. (Current Mission)

REQUIREMENT: This project is Phase I of a project required to provide adequate housing for 225 enlisted personnel (150 E1-E4, 75 E5-E6). Maximum utilization of this phase is 300 spaces. Maximum utilization of Phases I and II is 600 spaces. This project will replace the living, dining, and administrative facilities.

CURRENT SITUATION: Currently, troop housing and administrative facilities are in inadequate, substandard buildings. Operation Maintenance Account (OMA) dollars are currently spent on these facilities which are in marginal condition and have exceeded their economic lives. Construction of permanent facilities will significantly increase the quality of life for soldiers and will save OMA dollars by eliminating high operation, painting, and repair costs in the current facilities. The situation is becoming increasingly urgent in light of reduced operations and maintenance budgets and progressive deterioration of the buildings. The arterial network will be overloaded when full stationing of troops at North Fort Lewis occurs.

IMPACT IF NOT PROVIDED: If this project is not provided, these units will live and work in inadequate, substandard buildings. O&M costs will continue to accelerate for these facilities, or conversely, condition of buildings will deteriorate. Quality-of-life, morale, and readiness will be increasingly impacted as facilities continue to age. Also, increased traffic congestion will be caused by using the old, inadequately sized arterial.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 3 July 1994. This project conforms to the new OSD design criteria for barracks construction. An economic analysis has been prepared and utilized in evaluating this project. This is Phase I of a two phase project. Phase II is programmed in FY 98.

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Lewis, Washington		
4. PROJECT TITLE Whole Barracks Complex Renewal		5. PROJECT NUMBER 41545

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Design Start Date.....	<u>OCT 1993</u>
(b) Percent Complete As Of 01 January 96 (BDGT YR) ..	<u>50</u>
(c) Percent Complete As Of 01 October 96 (PROG YR) ..	<u>100</u>
(d) Design Complete Date.....	<u>SEP 1996</u>

(2) Basis:

(a) Standard or Definitive Design - (YES/NO) Y
(b) Where Design Was Most Recently Used
USACE

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):

(\$000)

(a) Production of Plans and Specifications.....	<u>2,000</u>
(b) All Other Design Costs.....	<u>1,000</u>
(c) Total Design Cost.....	<u>3,000</u>
(d) Contract.....	<u>2,000</u>
(e) In-house.....	<u>1,000</u>

(4) Construction Start..... FEB 1997
month & year

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
IDS Equipment	OPA	1997	60
Info Sys - ISC	OPA	1997	2,827
		TOTAL	<u>2,887</u>

Installation Engineer: COL Arthur B. Gravatt, III
Phone Number: (206) 967-3191

1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Fort Lewis Washington				4. PROJECT TITLE Tank Trail Erosion Mitigation-Yakima		
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 851		7. PROJECT NUMBER 44426		8. PROJECT COST (\$000) Auth 2,000 Approp 2,000
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
<u>PRIMARY FACILITY</u>						
Road Upgrade				km	56.97	31,753 (1,809)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						1,809
CONTINGENCY PERCENT (5.00%)						90
SUBTOTAL						1,899
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						114
TOTAL REQUEST						2,013
TOTAL REQUEST (ROUNDED)						2,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Upgrade secondary roads to mitigate impacts to surface water quality, soil erosion, vegetation and wildlife habitat. Work to include treating existing roads with crushed rock and providing protection for sensitive and riparian areas.						
11. REQ: 483 km ADQT: NONE SUBSTD: 483 km						
PROJECT: Upgrade existing dirt roads to crushed rock. This is the second of ten phases. (Current Mission)						
REQUIREMENT: This project is required to reduce erosion from training activities at Yakima Training Center for the stationing of mechanized or armored combat forces (heavy forces) at Fort Lewis, Washington. These units were moved as part of the overseas drawdown and recently were stationed at Fort Lewis. This project was identified in the final environmental impact statement (EIS) and the record of decision (ROD). In addition, improved roads are expected to attract and hold more traffic than poorly maintained roads. This will result in less impact to vegetation and soils which directly impacts surface water quality and wildlife habitat.						

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Fort Lewis, Washington		
4. PROJECT TITLE Tank Trail Erosion Mitigation-Yakima		5. PROJECT NUMBER 44426
<p><u>CURRENT SITUATION:</u> Under the current conditions at Yakima Training Center with the on-going schedule of training with heavy and wheeled vehicles, soil erosion associated with the use of the road network has been identified as the major source of erosion which impacts surface water quality.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the stationing of heavy forces at Fort Lewis will not meet the environmental mitigation requirements of the Record of Decision.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Design Start Date.....	SEP 1994	
(b) Percent Complete As Of 01 January 96 (BDGT YR) ..	50	
(c) Percent Complete As Of 01 October 96 (PROG YR) ..	100	
(d) Design Complete Date.....	SEP 1996	
(2) Basis:		
(a) Standard or Definitive Design - (YES/NO) N		
(b) Where Design Was Most Recently Used		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	65	
(b) All Other Design Costs.....	43	
(c) Total Design Cost.....	108	
(d) Contract.....		
(e) In-house.....	108	
(4) Construction Start..... JAN 1997		
month & year		
<p>Installation Engineer: COL Arthur B. Gravatt, III</p> <p>Phone Number: (206) 967-3191</p>		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Italy		Camp Ederle (USAREUR)			89
		Italy - Camp Ederle			
	43910	Upgrade Water System	3,100	3,100	91
		Subtotal Camp Ederle PART I	\$ 3,100	3,100	
		* TOTAL MCA FOR Italy	\$ 3,100	3,100	

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM				2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Camp Ederle Italy			4. COMMAND US Army Europe and Seventh Army			5. AREA CONSTRUCTION COST INDEX 1.78

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTER			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1995	0	0	0	0	0	0	0	0	0	0
B. END FY 2001	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	3,209
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	3,100
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	32,485
H. GRAND TOTAL.....	38,794

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:					
CATEGORY PROJECT				COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE		(\$000)	START COMPLETE
841	43910	Upgrade Water System		3,100	05/1995 08/1996
TOTAL				3,100	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 1998 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
USAREUR twin missions are deterring war and being able to win if attacked. Support of US Army, Europe.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Camp Ederle Italy			4. PROJECT TITLE Upgrade Water System		
5. PROGRAM ELEMENT 22496A	6. CATEGORY CODE 841	7. PROJECT NUMBER 43910	8. PROJECT COST (\$000) Auth 3,100 Approp 3,100		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,675
Ground Water Storage Tank, 1 EA		LS	--	--	(1,170)
Water Pumping Station Building		LS	--	--	(364)
Pumping St Equip.		LS	--	--	(416)
Water Well		LS	--	--	(104)
Water Pipe Line Potable		LS	--	--	(201)
Total from Continuation page					(420)
<u>SUPPORTING FACILITIES</u>					117
Electric Service		LS	--	--	(47)
Paving, Walks, Curbs And Gutters		LS	--	--	(5)
Site Imp(55) Demo()		LS	--	--	(55)
Information Systems		LS	--	--	(10)
ESTIMATED CONTRACT COST					2,792
CONTINGENCY PERCENT (5.00%)					140
SUBTOTAL					2,932
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					191
TOTAL REQUEST					3,123
TOTAL REQUEST (ROUNDED)					3,100
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction Construct a water storage tank facility to supplement existing storage capacity, including automated electric level switch regulator, remote drive for automated control of wells, level indicator, overflow pipe and sump, vent pipe, and entry hatchway with ladder. Construct an addition to the pump station to provide for additional pumps and equipment to maintain pressure within the distribution system. Equipment consists of: two electric centrifugal pumps with generators, two diesel pump with fuel tank for emergency use, valves, automatic chlorination system, pneumatic tank to maintain system pressure (approximately 7,000 gallon capacity) complete with compressor and automatic water level regulator, electrical panel, and interconnection with existing tank. Install additional well and associated pumping equipment. Supporting facilities include electrical transformer, replacement of approximately 7,450 linear feet of water mains and service lines; and site improvements.					
11. REQ: 2,279 L/d ADQT: 901 L/d SUBSTD: NONE					
PROJECT: Construct a water storage tank and upgrade the water supply system. (Current Mission)					

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Camp Ederle , Italy		
4. PROJECT TITLE Upgrade Water System		5. PROJECT NUMBER 43910

9. COST ESTIMATES (CONTINUED)

Item	U/M	QTY	Unit COST	Cost (\$000)
PRIMARY FACILITY (CONTINUED)				
10 in. Potable Water Line	m	1,463	214.40	(314)
12 in. Potable Water Line	m	15.24	293.50	(4)
6 in. Potable Water Line	m	762	116.01	(88)
3 in. Potable Water Line	m	30.48	141.24	(4)
Building Information Systems	LS	--	--	(10)
			Total	420

REQUIREMENT: This project is required to provide a secure water source to Camp Ederle with adequate water storage capacity and to deliver water throughout the installation at adequate pressures, water main velocities and to meet required peak fire flow standards. In addition, this project will support the future facilities on the installation recently built or presently under construction: new 56 room Guest House; 36,400 SF shopping mall addition (presently under construction), "Lousy Barrack" renovation program; USAREUR training exercises; and potential war contingency missions in the mediterranean region.

CURRENT SITUATION: The existing water source/supply storage tank, and distribution system consists of the following: one existing well and pumps with a capacity of 120 cubic meters per hour; 238,000 gallons ground storage tank; two electrically operated distribution pumps rated at 57 cubic meters per hour at 30 meters of head. The existing well system located on Camp Ederle supplies the entire installation (1,300,000 SF) with approximately 500,000 gallons of water per day and has an additional reserve 400,000 gallons per day. Distribution piping line, primarily asbestos cement pipe in sizes ranging from 150 mm (6 inches) to 250 mm (10 inches) in diameter, and is maintained at a static pressure of approximately 40 psi throughout the distribution system and has a maximum flow rate of 6,000 GPM. New waterline mains (1,970 LF) are needed to close the loop in the north quadrant. An additional 3,340 LF of undersized and failing waterline mains feeding the north section must be replaced. In 1991 the preventive medicine authorities at the installation, who perform routine water testing determined the presence of coliform within the water distribution system indicating biological contamination. The US Army Environmental Hygiene Agency recommended construction of a water storage tank to maintain positive pressure. Presently the installation maintains a high chlorine concentration within the water system as a means of containing increasing bacterical contamination. Another independent study in 1992 determined that the total installation storage requirement to be 602,500 gallons and recommended the construction of a storage tank (365,000 gallons), closure of the loop in the north quadrant, and replacement of undersized and failing waterline mains feeding the north quadrant to sufficiently meet the

1. COMPONENT		2. DATE	
ARMY		22 MAR 1996	
FY 1997 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND LOCATION			
Camp Ederle , Italy			
4. PROJECT TITLE		5. PROJECT NUMBER	
Upgrade Water System		43910	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>current and future water demands and required peak fire flows. Presently peak fire flows are not being met. The most critical quality of life facilities affected are the hospital, child development center (CDC), post exchange (PX)/commissary complex and the High and Elementary school complex. Current conditions of the water system warrant upgrade and repair to meet future facility requirements and to eliminate continued contamination and potential fire disaster.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Camp Ederle will continue to be confronted with a water shortage problem. Bacterial contamination of the potable water supply and insufficient peak fire flows in the current system will continue to place the installation at a health and safety risk. The lack of public confidence in the water system will continue to adversely impact the morale and readiness of the units assigned to Camp Ederle, thereby compromising the stability of the mediterranean region. If present conditions are not improved the US soldiers and civilian personnel at Camp Ederle, Vicenza will continue to be exposed to serious health and safety hazards.</p> <p><u>ADDITIONAL:</u> This project has been reviewed by Headquarters US Army Europe (USAREUR) and approved by the Commander-in-Chief, US Army Europe (CINCUSAREUR). It will still be required after any planned troop reductions. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994, with the 18 September 1992 and all subsequent revisions included in the Design Criteria Information System (DCIS). This project is not eligible for NATO Infrastructure funding. An economic analysis has been prepared and utilized in evaluating this project.</p>			
12. SUPPLEMENTAL DATA:			
A. Estimated Design Data:			
(1) Status:			
(a) Design Start Date.....			MAY 1995
(b) Percent Complete As Of 01 January 96 (BDGT YR) ..			35
(c) Percent Complete As Of 01 October 96 (PROG YR) ..			100
(d) Design Complete Date.....			AUG 1996
(2) Basis:			
(a) Standard or Definitive Design - (YES/NO) N			
(b) Where Design Was Most Recently Used			
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):			(\$000)

1. COMPONENT		2. DATE	
ARMY		22 MAR 1996	
FY 1997 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND LOCATION			
Camp Ederle , Italy			
4. PROJECT TITLE		5. PROJECT NUMBER	
Upgrade Water System		43910	
12. SUPPLEMENTAL DATA: (Continued)			
A. Estimated Design Data: (Continued)			
(a) Production of Plans and Specifications.....		180	
(b) All Other Design Costs.....		170	
(c) Total Design Cost.....		350	
(d) Contract.....		300	
(e) In-house.....		50	
(4) Construction Start.....		JAN 1997	
		month & year	
<p>Installation Engineer: Richard Houle</p> <p>Phone Number: 011-39-444-51-7606</p>			

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
	NUMBER	PROJECT TITLE			
Korea		Korea Various (EUSA)			97
		Eastern Corridor			
		Combined Field Army			
	44591	Whole Barracks Complex Renewal	14,000	14,000	99
		Eastern Corridor			
	44592	Whole Barracks Complex Renewal	16,000	16,000	102
		Subtotal Korea Various PART I	\$ 30,000	30,000	
		* TOTAL MCA FOR Korea	\$ 30,000	30,000	

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM		2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Korea Various Korea	4. COMMAND Eighth United States Army		5. AREA CONSTRUCTION COST INDEX 1.12	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1995	3359	23827	11171	0	208	0	1610	14101	13099	67,375
B. END FY 2001	3311	23819	10823	0	159	0	1640	14157	13101	67,010

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	145,396
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	30,000
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	30,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	467,343
H. GRAND TOTAL.....	672,739

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:					
CATEGORY PROJECT				COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE		(\$000)	START COMPLETE
721	44591	Whole Barracks Complex Renewal		14,000	10/1994 07/1996
721	44592	Whole Barracks Complex Renewal		16,000	10/1994 07/1996
TOTAL				30,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 1998 PROGRAM:		
721	Whole Barracks Complex Renewal	8,500
721	Whole Barracks Complex Renewal	7,000
721	Whole Barracks Complex Renewal	14,500
TOTAL		30,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:

The Eighth United States Army (EUSA) exercises command and control over all assigned EUSA units. Organizes, equips, trains, and employs forces assigned to ensure optimum readiness for combat operations. Attains and maintains a posture of combat readiness to deter successfully any attack upon the Republic of Korea. If deterrence fails, EUSA will conduct sustained Army, joint, and combined military operations to defeat the enemy. Provides logistical and administrative support for forces, including Headquarters, United Nations Command (HQ UNC), in order to fulfill the operational requirements of ROK-US CFC and USFK.

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996		
3. INSTALLATION AND LOCATION Camp Red Cloud Combined Field Army, Korea		4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 22496A	6. CATEGORY CODE 721	7. PROJECT NUMBER 44591 8. PROJECT COST (\$000) Auth 14,000 Approp 14,000		
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY:				
Enlisted Barracks	m2	8,180	1,324	11,579 (10,830)
Pile Foundation	LS	--	--	(589)
Building Information Systems	LS	--	--	(160)
SUPPORTING FACILITIES				
Electric Service	LS	--	--	993 (175)
Water, Sewer, Gas	LS	--	--	(46)
Paving, Walks, Curbs And Gutters	LS	--	--	(97)
Storm Drainage	LS	--	--	(54)
Site Imp(193) Demo(297)	LS	--	--	(491)
Information Systems	LS	--	--	(130)
ESTIMATED CONTRACT COST				12,572
CONTINGENCY PERCENT (5.00%)				629
SUBTOTAL				13,201
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				858
TOTAL REQUEST				14,059
TOTAL REQUEST (ROUNDED)				14,000
INSTALLED EQT-OTHER APPROPRIATIONS				()
10. Description of Proposed Construction Construct two barracks. Project includes living/sleeping rooms, baths, storage, laundry, mud room, and day room. Pile foundation work is required. Supporting facilities include utilities; electric service; fire protection and alarm systems; security lighting; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by connection to the central utilities plant. Air conditioning: 120 tons. Demolish 22 buildings (30,052 SF) within the footprint. Provide comprehensive building and furnishings related interior design services.				
11. REQ: 2,631 PN ADQT: 1,166 PN SUBSTD: 255 PN PROJECT: Construct two barracks. (Current Mission) REQUIREMENT: These facilities are urgently required to meet the needs of a signal battalion of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 260 enlisted personnel (160 E1-E4, 80 E5-E6, 20 E7-E9). Maximum utilization for the barracks is 400 personnel.				

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
ARMY			22 MAR 1996
3. INSTALLATION AND LOCATION			
Camp Red Cloud, Combined Field Army, Korea			
4. PROJECT TITLE		5. PROJECT NUMBER	
Whole Barracks Complex Renewal		44591	
<p><u>CURRENT SITUATION:</u> Soldiers assigned to this unit are housed in overcrowded, substandard buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. These substandard living and working conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, these soldiers will continue to live together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. This project is designed to an enhanced 2+2 standard under waiver from the OSD criteria. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. This project is located on an installation which will be retained by United States Forces Korea and Eighth United States Army for the foreseeable future. The possibility of Host Nation funding for this project has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement.</p>			
12. SUPPLEMENTAL DATA:			
A. Estimated Design Data:			
(1) Status:			
(a)	Design Start Date.....	OCT 1994	
(b)	Percent Complete As Of 01 January 96 (BDGT YR) ..	60	
(c)	Percent Complete As Of 01 October 96 (PROG YR) ..	100	
(d)	Design Complete Date.....	JUL 1996	
(2) Basis:			
(a)	Standard or Definitive Design - (YES/NO) Y		
(b)	Where Design Was Most Recently Used		
	Camp Casey		
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e):		(\$000)
(a)	Production of Plans and Specifications.....	536	
(b)	All Other Design Costs.....	294	
(c)	Total Design Cost.....	830	
(d)	Contract.....	736	

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		22 MAR 1996
3. INSTALLATION AND LOCATION		
Camp Red Cloud, Combined Field Army, Korea		
4. PROJECT TITLE	5. PROJECT NUMBER	
Whole Barracks Complex Renewal	44591	
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(e) In-house.....		94
(4) Construction Start.....		JAN 1997
		month & year
<p>Installation Engineer: COL J. Richard Capka</p> <p>Phone Number: 011-82-2-7913-6385</p>		

1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Camp Casey Eastern Corridor, Korea			4. PROJECT TITLE Whole Barracks Complex Renewal		
5. PROGRAM ELEMENT 22496A	6. CATEGORY CODE 721	7. PROJECT NUMBER 44592	8. PROJECT COST (\$000) Auth 16,000 Approp 16,000		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					12,322
Enlisted Barracks		m2	8,180	1,324	(10,830)
Company Operations Building		m2	720	1,346	(969)
Pile Foundation		LS	--	--	(302)
IDS Installation		LS	--	--	(11)
Building Information Systems		LS	--	--	(210)
<u>SUPPORTING FACILITIES</u>					2,087
Electric Service		LS	--	--	(229)
Water, Sewer, Gas		LS	--	--	(403)
Paving, Walks, Curbs And Gutters		LS	--	--	(213)
Storm Drainage		LS	--	--	(44)
Site Imp(400) Demo(418)		LS	--	--	(818)
Information Systems		LS	--	--	(275)
Fuel Oil Storage Tanks, 3 EA		LS	--	--	(105)
ESTIMATED CONTRACT COST					14,409
CONTINGENCY PERCENT (5.00%)					720
SUBTOTAL					15,129
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					983
TOTAL REQUEST					16,112
TOTAL REQUEST (ROUNDED)					16,000
INSTALLED EQT-OTHER APPROPRIATIONS					()
10. Description of Proposed Construction Construct two barracks and one standard-design company operations facility. Project includes living/sleeping rooms, baths, storage, laundry, mud room, day room, pile foundation, and asbestos removal. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by a self-contained oil-fired system. Air conditioning: 140 tons. Demolish 22 buildings (28,098 SF) within the footprint. Provide comprehensive building and furnishings related interior design services.					
11. REQ: 7,529 PN ADQT: 5,605 PN SUBSTD: 1,785 PN					
PROJECT: Construct two barracks and a company operations facility. (Current Mission)					
REQUIREMENT: This project is required to provide adequate barracks and a company operations facility. These facilities are urgently needed to meet the needs of two armor battalions of the 2nd Infantry Division. This project will provide housing for a total (intended utilization) of 242 enlisted personnel					

1. COMPONENT	FY 1997	MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY			22 MAR 1996
3. INSTALLATION AND LOCATION			
Camp Casey, Eastern Corridor, Korea			
4. PROJECT TITLE		5. PROJECT NUMBER	
Whole Barracks Complex Renewal		44592	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>(140 E1-E4, 74 E5-E6, 28 E7-E9). Maximum utilization for the barracks is 400 personnel.</p> <p><u>CURRENT SITUATION:</u> Soldiers assigned to these units are housed in overcrowded, substandard buildings. These substandard facilities are deteriorated, lack adequate space, waste energy, and are becoming structurally unsound. These substandard living and working conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, these soldiers will continue to live together under reduced space conditions in substandard buildings. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. These situations will persist and adversely affect the soldiers' morale and unit readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, Construction Criteria, that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 3 July 1994. This project is designed to an enhanced 2+2 standard under waiver from the OSD criteria. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. This project is located on an installation which will be retained by United States Forces Korea and Eighth United States Army for the foreseeable future. The possibility of Host Nation funding for this project has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement.</p>			
12. SUPPLEMENTAL DATA:			
A. Estimated Design Data:			
(1) Status:			
(a) Design Start Date.....			OCT 1994
(b) Percent Complete As Of 01 January 96 (BDGT YR) ..			60
(c) Percent Complete As Of 01 October 96 (PROG YR) ..			100
(d) Design Complete Date.....			JUL 1996
(2) Basis:			
(a) Standard or Definitive Design - (YES/NO) Y			
(b) Where Design Was Most Recently Used			
Camp Casey			
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):			(\$000)
(a) Production of Plans and Specifications.....			660

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		22 MAR 1996
3. INSTALLATION AND LOCATION		
Camp Casey, Eastern Corridor, Korea		
4. PROJECT TITLE		5. PROJECT NUMBER
Whole Barracks Complex Renewal		44592
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(b) All Other Design Costs.....		330
(c) Total Design Cost.....		990
(d) Contract.....		792
(e) In-house.....		198
(4) Construction Start.....		JAN 1997
		month & year
<p>Installation Engineer: COL J. Richard Capka</p> <p>Phone Number: 011-82-2-7913-6385</p>		

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
	NUMBER	PROJECT TITLE			
Overseas Various		Classified Location (FORVAR)			107
		Classified Location			
	23196	Strategic Logistical Prepo Complex Ph II	64,000	64,000	109
		Subtotal Classified Location PART I	\$ 64,000	64,000	
		* TOTAL MCA FOR Overseas Various	\$ 64,000	64,000	
		** TOTAL OUTSIDE THE UNITED STATES FOR MCA	\$ 97,100	97,100	

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM				2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Classified Location Overseas Various	4. COMMAND Various US Army Major Commands-Foreign				5. AREA CONSTRUCTION COST INDEX 1.00

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS				SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1995	0	0	0	0	0	0	0	0	0	0
B. END FY 2001	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	64,000
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	64,000

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
441	23196	Strategic Logistical Prepo Complex Ph II	64,000	05/1994 08/1996
TOTAL			64,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A.	INCLUDED IN THE FY 1998 PROGRAM:	NONE
B.	PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):	NONE

10. MISSION OR MAJOR FUNCTIONS:	
Support of U.S. Army Forces Worldwide.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Classified Location Overseas Various			4. PROJECT TITLE Strategic Logistical Prepo Complex Ph II			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 441	7. PROJECT NUMBER 23196	8. PROJECT COST (\$000) Auth 64,000 Approp 64,000		
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					51,658	
Controlled Humidity Warehouse		m2	89,110	318.93	(28,420)	
Workshop Building		m2	2,627	843.78	(2,217)	
Guard Tower		m2	36.05	1,304	(47)	
Power Plant		kWe	7,950	876.92	(6,972)	
Igloo Storage		m2	4,084	1,649	(6,736)	
Total from Continuation page					(7,266)	
<u>SUPPORTING FACILITIES</u>					5,569	
Electric Service		LS	--	--	(1,441)	
Water, Sewer, Gas		LS	--	--	(596)	
Paving, Walks, Curbs, And Gutter		LS	--	--	(1,788)	
Storm Drainage		LS	--	--	(184)	
Site Imp(944) Demo()		LS	--	--	(944)	
Information Systems		LS	--	--	(616)	
ESTIMATED CONTRACT COST					57,227	
CONTINGENCY PERCENT (5.00%)					2,861	
SUBTOTAL					60,088	
SUPERVISION, INSPECTION & OVERHEAD (6.50%)					3,906	
TOTAL REQUEST					63,994	
TOTAL REQUEST (ROUNDED)					64,000	
INSTALLED EQT-OTHER APPROPRIATIONS					()	
10. Description of Proposed Construction Construct the second phase of a three-phase project required to develop an Army outside continental United States (OCONUS) prepositioning and logistical storage complex. The FY 97 phase includes construction of multiple controlled humidity warehouses for unit wheeled and tracked vehicles, ammunition storage facilities, a communication center, and additional security facilities. Construction of required project infrastructure as capacity additions to those utilities constructed in the FY 96 phase includes additional power generation equipment, sewer, potable water and gas distribution systems and site improvements. Phase III is programmed for FY 98.						
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE PROJECT: Construct the second phase of an OCONUS strategic logistical storage complex for prepositioning ashore an Army heavy brigade and selected Army division units in Southwest Asia. (New Mission) REQUIREMENT: This project is required to provide the facilities to preposition all unit equipment, materiel, and supplies of a second US Army heavy brigade, along with selected unit equipment and sustainment supplies for elements of an Army division base ashore in Southwest Asia. Project is						

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Classified Location, Overseas Various		
4. PROJECT TITLE Strategic Logistical Prepo Complex Ph II		5. PROJECT NUMBER 23196

9. COST ESTIMATES (CONTINUED)

<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
<u>PRIMARY FACILITY (CONTINUED)</u>				
Revetted Storage	m2	492.85	1,292	(637)
Sunshades	m2	12,606	213.67	(2,694)
Latrine	m2	96.71	921.30	(89)
Dining Facility	m2	352.01	2,049	(721)
Communication Center	m2	334.36	2,836	(948)
Category E Equipment	LS	--	--	(950)
Building Information Systems	LS	--	--	(1,227)
			Total	7,266

REQUIREMENT: (CONTINUED)

required to implement the Army Global Prepositioning strategy for the United States Central Command (USCENTCOM) in compliance with the Bottom-Up Review and Defense Planning Guidance. Project construction is critical to support US Commander-in-Chief Central's (USCINCCENT's) peacetime and warfighting strategy. Facilities for prepositioning equipment and supplies for heavy US Army forces in theater enhances regional security, deters aggression, and is vital to the defense of US national interests in Southwest Asia. Construction of facilities is imperative to provide for the adequate storage and maintenance of approximately \$2.2 billion dollars of US Army unit equipment and supplies.

CURRENT SITUATION: The equipment, materiel, and supplies for the Army heavy brigade and division base (-) are currently located in CONUS and Europe. Locating this equipment outside of Southwest Asia poses an unacceptable and unnecessary risk for the Army, USCINCENT and the National Command Authority (NCA). Lack of prepositioned Army equipment constrains NCA flexibility by severely limiting the available time to consider, develop and execute non-military courses of action to resolve any emerging regional crisis. Currently, in order to adequately protect vital US interests from a perceived military threat, the NCA must order heavy Army force deployments at the outset of a regional crisis. The deployment of significant heavy Army forces to the theater via strategic airlift is currently constrained due to a shortfall of capable aircraft. The time required for the loading, ocean transit, and off-loading of heavy Army forces from CONUS to Southwest Asia by strategic sealift provides an unacceptable level of risk for the Army, USCINCENT, and the NCA. The strategic requirement for this project was vividly demonstrated in October 1994 by the rapid buildup of Iraqi heavy forces on the Kuwaiti border (Operation VIGILANT WARRIOR). No other method for obtaining the required facilities is available.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to comply with the Bottom-Up Review, Defense Planning Guidance, or

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Classified Location, Overseas Various		
4. PROJECT TITLE Strategic Logistical Prepo Complex Ph II	5. PROJECT NUMBER 23196	
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>implement the Army's Global Prepositioning strategy. The Army will not be able to preposition the equipment for a second US Army heavy brigade and selected Army division units in Southwest Asia. The capability of the Army to provide forces to USCINCENT and the NCA to enable regional deterrence, respond to a crisis to protect US vital interests in the region will be degraded to an unacceptable level. The cost of strategic airlift, provided it is available, of the required Army heavy brigade and selected division units and supplies from CONUS to Southwest Asia would exceed \$345 million. The cost of strategic sealift, if sufficient time is available, would exceed \$26 million. The strategic significance of project construction to the Army, USCINCENT, and the NCA cannot be overstated.</p> <p><u>ADDITIONAL:</u> This project has been coordinated to provide an integrated installation physical security plan and all required physical security and/or combatting terrorism (CBT/T) measures are included. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria", that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria", dated 3 July 1994. The Host Nation has committed, in the Defense Cooperation Agreement, to provide land, security, and available logistical/utilities support. An economic analysis has been prepared and utilized in evaluating this project.</p> <p style="text-align: right;">Installation Engineer: Richard Grimm Phone Number: 011-974-862-596</p>		

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Worldwide Various		Worldwide Various Locations (WORLDWD)			115
	47018	Classified Project	4,600	4,600	117
		Subtotal Worldwide Various Locations PART I	\$ 4,600	4,600	
		Minor Construction (MINEXG)			119
	34126	Unspecified Minor Construction	5,000	5,000	121
		Subtotal Minor Construction PART I	\$ 5,000	5,000	
		Planning and Design (PLANDES)			123
	28535	Host Nation Support	20,000	20,000	125
	34128	Planning and Design	23,623	23,623	127
		Subtotal Planning and Design PART I	\$ 43,623	43,623	
		* TOTAL MCA FOR Worldwide Various	\$ 53,223	53,223	
		** TOTAL WORLDWIDE FOR MCA	\$ 53,223	53,223	
		MILITARY CONSTRUCTION (PART I) TOTAL	\$ 434,723	434,723	

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM		2. DATE 22 MAR 1996																																											
3. INSTALLATION AND LOCATION Classified US Location Worldwide Various	4. COMMAND Various US Army Major Commands-US		5. AREA CONSTRUCTION COST INDEX 1.00																																											
<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">6. PERSONNEL STRENGTH:</th> <th colspan="2">PERMANENT</th> <th colspan="2">STUDENTS</th> <th colspan="2">SUPPORTED</th> <th colspan="2"></th> <th></th> </tr> <tr> <th></th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>TOTAL</th> </tr> <tr> <td>A. AS OF 30 SEP 1995</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>B. END FY 2001</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table>				6. PERSONNEL STRENGTH:	PERMANENT		STUDENTS		SUPPORTED						OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	A. AS OF 30 SEP 1995	0	0	0	0	0	0	0	0	0	0	B. END FY 2001	0	0	0	0	0	0	0	0	0	0
6. PERSONNEL STRENGTH:	PERMANENT		STUDENTS		SUPPORTED																																									
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A. AS OF 30 SEP 1995	0	0	0	0	0	0	0	0	0	0																																				
B. END FY 2001	0	0	0	0	0	0	0	0	0	0																																				
<p style="text-align: center;">7. INVENTORY DATA (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">A. TOTAL AREA.....</td> <td style="width: 20%;">0 ha</td> </tr> <tr> <td>B. INVENTORY TOTAL AS OF 30 SEP 1995.....</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. AUTHORIZATION NOT YET IN INVENTORY.....</td> <td style="text-align: right;">0</td> </tr> <tr> <td>D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....</td> <td style="text-align: right;">4,600</td> </tr> <tr> <td>E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....</td> <td style="text-align: right;">0</td> </tr> <tr> <td>F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....</td> <td style="text-align: right;">0</td> </tr> <tr> <td>G. REMAINING DEFICIENCY.....</td> <td style="text-align: right;">0</td> </tr> <tr> <td>H. GRAND TOTAL.....</td> <td style="text-align: right;">4,600</td> </tr> </table>				A. TOTAL AREA.....	0 ha	B. INVENTORY TOTAL AS OF 30 SEP 1995.....	0	C. AUTHORIZATION NOT YET IN INVENTORY.....	0	D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	4,600	E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	0	F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0	G. REMAINING DEFICIENCY.....	0	H. GRAND TOTAL.....	4,600																											
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<p>8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">CATEGORY PROJECT</th> <th style="text-align: right;">COST</th> <th style="text-align: left;">DESIGN STATUS</th> </tr> <tr> <th style="text-align: left;">CODE NUMBER PROJECT TITLE</th> <th style="text-align: right;">(\$000)</th> <th style="text-align: left;">START COMPLETE</th> </tr> <tr> <td>141 47018 Classified Project</td> <td style="text-align: right;">4,600</td> <td></td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right;">4,600</td> <td></td> </tr> </table>				CATEGORY PROJECT	COST	DESIGN STATUS	CODE NUMBER PROJECT TITLE	(\$000)	START COMPLETE	141 47018 Classified Project	4,600		TOTAL	4,600																																
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<p>10. MISSION OR MAJOR FUNCTIONS:</p>																																														

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE 22 MAR 1996
INSTALLATION AND LOCATION: Classified US Location Worldwide Various		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		
		(\$000)
A. AIR POLLUTION		0
B. WATER POLLUTION		0
C. OCCUPATIONAL SAFETY AND HEALTH		0

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Worldwide Various Locations Worldwide Various Locations, Worldwide Va		4. PROJECT TITLE Classified Project		
5. PROGRAM ELEMENT 92798A	6. CATEGORY CODE 141	7. PROJECT NUMBER 47018	8. PROJECT COST (\$000) Auth 4,600 Approp 4,600	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				
<u>SUPPORTING FACILITIES</u>				
ESTIMATED CONTRACT COST				
CONTINGENCY PERCENT (5.00%)				
SUBTOTAL				
SUPERVISION, INSPECTION & OVERHEAD (6.00%)				
TOTAL REQUEST				
TOTAL REQUEST (ROUNDED)				
INSTALLED EQT-OTHER APPROPRIATIONS				
(0)				
10. Description of Proposed Construction This project covers classified activities at various locations. Additional information concerning the requirements associated with this project will be provided to Congress during the review of Military Construction, Army, Fiscal Year 1997, Authorization/Appropriation Request.				
11. REQ: NONE ADQT: NONE SUBSTD: NONE				
PROJECT: To be provided during Congressional review of MCA request. (Current Mission)				
REQUIREMENT: To be provided during Congressional review of MCA request.				
CURRENT SITUATION: To be provided during Congressional review of MCA request.				
IMPACT IF NOT PROVIDED: To be provided during Congressional review of MCA request.				

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Worldwide Various Locations, Worldwide Various		
4. PROJECT TITLE Classified Project		5. PROJECT NUMBER 47018
<p>Installation Engineer: Richard Grimm Phone Number: 011-974-862-596</p>		

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM				2. DATE 22 MAR 1996													
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various		4. COMMAND Minor Construction			5. AREA CONSTRUCTION COST INDEX 1.00													
6. PERSONNEL STRENGTH: PERMANENT STUDENTS SUPPORTED OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL OFFICER ENLIST CIVIL TOTAL A. AS OF 30 SEP 1995 0 0 0 0 0 0 0 0 0 0 B. END FY 2001 0 0 0 0 0 0 0 0 0 0																		
7. INVENTORY DATA (\$000) A. TOTAL AREA..... 0 ha B. INVENTORY TOTAL AS OF 30 SEP 1995..... 0 C. AUTHORIZATION NOT YET IN INVENTORY..... 207,089 D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM..... 5,000 E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM..... 5,000 F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... 0 G. REMAINING DEFICIENCY..... 0 H. GRAND TOTAL..... 217,089																		
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TOTAL	5,000																	
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CATEGORY	COST (\$000)																	
CODE PROJECT TITLE																		
A. INCLUDED IN THE FY 1998 PROGRAM:																		
BBB Unspecified Minor Construction	5,000																	
TOTAL	5,000																	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																		
10. MISSION OR MAJOR FUNCTIONS:																		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>								(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0				
	(\$000)																	
A. AIR POLLUTION	0																	
B. WATER POLLUTION	0																	
C. OCCUPATIONAL SAFETY AND HEALTH	0																	

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1. COMPONENT ARMY	FY 1997	MILITARY CONSTRUCTION PROJECT DATA		2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Minor Construction Minor Construction, Worldwide Various		4. PROJECT TITLE Unspecified Minor Construction		
5. PROGRAM ELEMENT 91211A	6. CATEGORY CODE BBB	7. PROJECT NUMBER 34126	8. PROJECT COST (\$000) Auth 5,000 Approp 5,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Minor Construction Facilities	LS	--	--	5,000 (5,000)
<u>SUPPORTING FACILITIES</u>				
ESTIMATED CONTRACT COST				5,000
CONTINGENCY PERCENT (.000%)				
SUBTOTAL				5,000
SUPERVISION, INSPECTION & OVERHEAD (.000%)				
TOTAL REQUEST				5,000
TOTAL REQUEST (ROUNDED)				5,000
INSTALLED EQT-OTHER APPROPRIATIONS				(0)
10. Description of Proposed Construction Unspecified minor construction projects which have a funded cost of \$1,500,000 (limit of \$3,000,000 for health and safety related projects) or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title USC 2805.				
11. REQ: NONE ADQT: NONE SUBSTD: NONE				
PROJECT: Minor military construction, worldwide.				
REQUIREMENT: This project is required to provide for unspecified projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program.				
CURRENT SITUATION: These urgent unforeseen projects address high national priorities such as environmental protection, health and safety. These projects can not wait for normal programming.				
IMPACT IF NOT PROVIDED: Historical data on the Army's unforeseen urgent requirements supports a far higher funding level. However, due to extreme budget constraints, the level requested is considered the absolute minimum acceptable.				

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM				2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various	4. COMMAND Planning and Design			5. AREA CONSTRUCTION COST INDEX 1.00	

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1995	0	0	0	0	0	0	0	0	0	0
B. END FY 2001	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	43,623
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	43,623

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:			
CATEGORY	PROJECT	COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	START COMPLETE
000	28535	Host Nation Support	20,000
000	34128	Planning and Design	23,623
		TOTAL	43,623

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. INCLUDED IN THE FY 1998 PROGRAM:		
000	Planning and Design	26,544
000	Host Nation Support	5,000
		TOTAL
		46,544
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
---------------------------------	--

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

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1. COMPONENT ARMY	FY 1997	MILITARY CONSTRUCTION PROJECT DATA		2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Planning and Design Planning and Design, Worldwide Various			4. PROJECT TITLE Host Nation Support	
5. PROGRAM ELEMENT 91211A	6. CATEGORY CODE 000	7. PROJECT NUMBER 28535	8. PROJECT COST (\$000) Auth 20,000 Approp 20,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Host Nation Support	LS	--	--	20,000 (20,000)
<u>SUPPORTING FACILITIES</u>				
ESTIMATED CONTRACT COST				20,000
CONTINGENCY PERCENT (.000%)				
SUBTOTAL				20,000
SUPERVISION, INSPECTION & OVERHEAD (.000%)				
TOTAL REQUEST				20,000
TOTAL REQUEST (ROUNDED)				20,000
INSTALLED EQT-OTHER APPROPRIATIONS				(0)
10. Description of Proposed Construction This item provides for criteria development, design surveillance, and construction surveillance for projects funded by foreign nations where US Forces are the sole or primary user as authorized by 10 USC 2807.				
11. REQ: NONE ADQT: NONE SUBSTD: NONE				
PROJECT: Planning and design funds.				
REQUIREMENT: This funding is required to represent US interests during the planning, design, and construction of projects funded by foreign governments, when US Forces are sole or primary users. The Host Nation Support funds are required to assure that the facilities provided conform to the Services' operational and mission needs, and to US life safety criteria. The Army is the executive agent for the Department of Defense for Host Nation Construction in the Pacific. The programs in Korea and Japan are expected to remain at about the current levels, and provide nearly all the new construction in Japan, and much of the new construction in Korea. The US Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. This effort costs approximately three percent of the Host Nation Support construction placement. The three parts of the Host Nation Support				

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Planning and Design, Worldwide Various		
4. PROJECT TITLE Host Nation Support		5. PROJECT NUMBER 28535
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>effort are: Criteria Package Preparation - defines the functional requirements and specifies the health, fire, operational, functional and life safety needs; Design Surveillance - ensures compliance with criteria packages, efficient operation and maintenance, and life safety, fire protection, and environmental compliance; Construction Surveillance - ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies. Host Nation Support funds are also used to oversee Payment-in-Kind (PIK) projects in Europe.</p>		

1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 22 MAR 1996	
3. INSTALLATION AND LOCATION Planning and Design Planning and Design, Worldwide Various			4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT 91211A	6. CATEGORY CODE 000	7. PROJECT NUMBER 34128	8. PROJECT COST (\$000) Auth 23,623 Approp 23,623		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Planning & Design Funds		LS	--	--	23,623 (23,623)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					23,623
CONTINGENCY PERCENT (.000%)					
SUBTOTAL					23,623
SUPERVISION, INSPECTION & OVERHEAD (.000%)					
TOTAL REQUEST					23,623
TOTAL REQUEST (ROUNDED)					23,623
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10. Description of Proposed Construction This item provides for: parametric, concept, and final design of major and unspecified minor construction projects, value engineering, and the development of standards and criteria for Army facilities.					
11. REQ: NONE ADQT: NONE SUBSTD: NONE					
PROJECT: Planning and design funds.					
REQUIREMENT: This funding is required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering and continued development of design criteria and standard (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 1997 program; for advancement to final design of projects in FY 1998; for initiation of design of projects in FY 1999; and for					

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 MAR 1996
3. INSTALLATION AND LOCATION Planning and Design, Worldwide Various		
4. PROJECT TITLE Planning and Design	5. PROJECT NUMBER 34128	
<p>REQUIREMENT: (CONTINUED)</p> <p>initiation of pre-concept design activities for projects in FY 2000. The funds request for the annual planning and design requirement includes value engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army (DA) Facility Standardization Program.</p>		

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
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March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
	NUMBER	PROJECT TITLE		
Hawaii		Schofield Barracks (USARPAC)		
	42458	Family Housing Replacement Construction	10,000	10,000
		SUBTOTAL Schofield Barracks PART IIA	\$ 10,000	10,000
		* TOTAL AFH FOR Hawaii	\$ 10,000	10,000
North Carolina		Fort Bragg (FORSCOM)		
	41639	Family Housing Replacement Construction	9,800	9,800
		SUBTOTAL Fort Bragg PART IIA	\$ 9,800	9,800
		* TOTAL AFH FOR North Carolina	\$ 9,800	9,800
Texas		Fort Hood (FORSCOM)		
	23494	Family Housing Replacement Construction	18,500	18,500
		SUBTOTAL Fort Hood PART IIA	\$ 18,500	18,500
		* TOTAL AFH FOR Texas	\$ 18,500	18,500
		** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 38,300	38,300
		MILITARY CONSTRUCTION (PART IIA) TOTAL	\$ 38,300	38,300

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DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
	NUMBER	PROJECT TITLE		
Hawaii		Helenano Military Res (USARPAC)		
	39420	Family Housing Roadway Improvements	3,450	3,450
		SUBTOTAL Helenano Military Res PART IIB	\$ 3,450	3,450
		* TOTAL AFH FOR Hawaii	\$ 3,450	3,450
Kansas		Fort Leavenworth (TRADOC)		
	39844	Family Housing Improvements	9,700	9,700
		SUBTOTAL Fort Leavenworth PART IIB	\$ 9,700	9,700
		* TOTAL AFH FOR Kansas	\$ 9,700	9,700
New York		United States Military Academy (USMA)		
	44428	Family Housing Improvements	1,600	1,600
		SUBTOTAL United States Military Academy	\$ 1,600	1,600
		* TOTAL AFH FOR New York	\$ 1,600	1,600
Virginia		Fort Monroe (TRADOC)		
	25519	Family Housing Improvements	12,600	12,600
		SUBTOTAL Fort Monroe PART IIB	\$ 12,600	12,600
		* TOTAL AFH FOR Virginia	\$ 12,600	12,600
		** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 27,350	27,350

DEPARTMENT OF THE ARMY
FISCAL YEAR 1997
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
	NUMBER	PROJECT TITLE		
Italy		Vicenza Various (USAREUR)		
		Vicenza Various		
	31791	Family Housing Improvements	6,400	6,400
		SUBTOTAL Vicenza Various PART IIB	\$ 6,400	6,400
		* TOTAL AFH FOR Italy	\$ 6,400	6,400
		** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 6,400	6,400
		MILITARY CONSTRUCTION (PART IIB) TOTAL	\$ 33,750	33,750

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
SUMMARY**

(\$ In Thousands)	
FY 1997 Program	1,287,479
FY 1996 Program	1,452,252

PURPOSE AND SCOPE

The Army Family Housing Program supports the Army's operations, maintenance, and construction of military family housing located world-wide.

PROGRAM SUMMARY

Authorization is requested for:

1. The performance of certain construction summarized hereafter; and
2. The appropriation of \$1,287,479,000 to fund:
 - a. This construction; and
 - b. Certain other functions already authorized in existing legislation.

A summary of the funding program for Fiscal Year 1997 follows:

	<u>(\$000)</u>
Construction	75,013
Operations and Maintenance, Utilities, Leasing and Debt	1,212,466
TOTAL ARMY FAMILY HOUSING APPROPRIATION	1,287,479
Plus: Reimbursable Authority	21,000
TOTAL ARMY FAMILY HOUSING PROGRAM	1,308,479

March 1996

**AUTHORIZATION AND APPROPRIATION LANGUAGE
ARMY FAMILY HOUSING
FY 1997**

For expenses of family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, and alteration and for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law, as follows: for Construction [\$116,656,000] \$75,013,000, for Operations and Maintenance, and Debt Payment [\$1,335,596,000] \$1,212,466,000, in all [\$1,452,252,000] \$1,287,479,000. Provided, that the amount for construction shall remain available until [September 30, 2000] September 30, 2001.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
PROGRAM AND FINANCING - CONSTRUCTION

<u>PROGRAM</u>	<u>(\$000)</u>
Construction of New Housing (Deficit Reduction)	\$ 0
Construction of New Housing (Replacement)	38,300
Post Acquisition Construction	33,750
Planning and Design	<u>2,963</u>
TOTAL	\$ 75,013
 <u>FINANCING</u>	
Budget Authority/Appropriation	\$ 75,013

March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
PROGRAM AND FINANCING
OPERATION & MAINTENANCE AND DEBT PAYMENT

<u>PROGRAM</u>	<u>(\$000)</u>
Operating Expenses	\$ 188,660
Utilities	270,391
Leasing	227,515
Maintenance	<u>525,893</u>
SUBTOTAL	\$1,212,459
Servicemen's Insurance Premiums	<u>7</u>
SUBTOTAL	\$1,212,466
Reimbursable Authority	<u>21,000</u>
TOTAL	\$1,233,466
 <u>FINANCING</u>	
Total Program	\$1,233,466
Less: Reimbursements	<u>- 21,000</u>
BUDGET AUTHORITY APPROPRIATION ADJUSTED	\$1,212,466

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
PROGRAM AND FINANCING - PROGRAM BY ACTIVITIES**

	<u>(\$000)</u>
1. Construction	
a. Construction of New Housing	\$ 0
b. Construction of Replacement Housing	38,300
c. Post Acquisition Construction	33,750
d. Planning and Design	<u>2,963</u>
TOTAL CONSTRUCTION	\$ 75,013
2. Operations, Utilities, Maintenance, Leasing, and Insurance Premiums	
a. Operations	\$188,660
b. Utilities	270,391
c. Maintenance of Real Property	525,893
d. Leasing	227,515
e. Servicemen's Mortgage Premiums	<u>7</u>
TOTAL O&M AND DEBT	\$1,212,466
TOTAL APPROPRIATION	\$1,287,479
Plus: Reimbursements	<u>21,000</u>
TOTAL PROGRAM ADJUSTED	\$1,308,479
BUDGET AUTHORITY	
Appropriation: Construction	75,013
O&M and Debt	<u>1,212,466</u>
TOTAL	\$1,287,479

Family Housing, Army
Program and Financing (in Thousands of dollars)

Identification code	21-0702-0-1-051	Budget Plan (amounts for FAMILY HOUSING actions programmed)				Obligations	
		1995 actual	1996 est.	1997 est.	1995 actual	1996 est.	1997 est.
Program by activities:							
Direct program:							
Construction:							
01.0101	Construction of new housing	115,250	65,800	38,300	160,424	97,580	50,670
01.0201	Construction improvements	49,760	48,856	33,750	96,769	53,796	41,508
01.0301	Planning	5,992	2,000	2,963	7,145	8,327	3,731
01.9101	Total construction	171,002	116,656	75,013	264,338	159,703	95,909
Operation, maintenance, and interest payment:							
Operation:							
02.0101	Operating expenses	449,409	459,453	459,051	449,409	459,453	459,051
02.0201	Leasing	215,200	243,840	227,515	215,200	243,840	227,515
02.0301	Maintenance of real property	394,251	632,292	525,893	394,251	632,292	525,893
02.0401	Interest payments	3	11	7	3	11	7
02.9101	Total operation, maintenance, and interest	1,058,863	1,335,596	1,212,466	1,058,863	1,335,596	1,212,466
03.0101	Reimbursable	15,324	24,000	21,000	15,324	24,000	21,000
10.0001	Total	1,245,189	1,476,252	1,308,479	1,338,525	1,519,299	1,329,375
Financing:							
Offsetting collections from:							
11.0001	Federal funds(-)	-2,588	-8,160	-7,140	-2,588	-8,160	-7,140
13.0001	Trust funds(-)	-12	-12	-12	-12	-12	-12
14.0001	Non-Federal sources(-)	-12,724	-15,840	-13,860	-12,724	-15,840	-13,860
17.0001	Recovery of prior year obligations	-10,318	-10,318	-10,318	-10,318	-10,318	-10,318
21.4002	Unobligated balance available, start of year:						
21.4003	For completion of prior year budget plans	-532	-532	-532	-179,671	-94,500	-51,453
21.4009	Available to finance new budget plans	-2,153	-2,153	-2,153	-532		
22.0001	Reprogramming from/to prior year budget plan	-45,931	-45,931	-45,931	-45,931		
24.4002	Unobligated balance transferred to other acco						
25.0001	Unobligated balance available, end of year:						
25.0001	For completion of prior year budget plans	1,929	1,929	1,929	94,500	51,453	30,557
25.0001	Unobligated balance expiring				1,929		
40.0001	Budget authority (Appropriation)	1,183,178	1,452,252	1,287,479	1,183,178	1,452,252	1,287,479

MAR 96

Family Housing, Army
Program and Financing (in Thousands of dollars)

Budget Plan (amounts for FAMILY
HOUSING actions programmed)

Identification code	21-0702-0-1-051	1995 actual	1996 est.	1997 est.	1995 actual	1996 est.	1997 est.
Relation of obligations to outlays:							
71.0001	Obligations incurred	1,323,201	1,495,299	1,308,375			
72.1001	Orders on hand, SOY	-8,043	-3,656	683,557			
72.4001	Obligated balance, start of year	592,300	653,857	-602,662			
74.1001	Orders on hand, EOY	3,656					
74.4001	Obligated balance, end of year	-653,857	-683,557				
77.0001	Adjustments in expired accounts (net)	-19,109					
78.0001	Adjustments in unexpired accounts	-10,318					
90.0001	Outlays (net)	1,227,830	1,461,943	1,389,270			

Family Housing, Army
Object Classification (in Thousands of dollars)

MAR 96

Identification code	21-0702-0-1-051	1995 actual	1996 est.	1997 est.
Direct obligations:				
Personnel compensation:				
111.101	Full-time permanent	23,878	25,726	25,384
111.301	Other than full-time permanent	4,345	6,152	5,838
111.501	Other personnel compensation	1,636	1,782	1,715
111.901	Total personnel compensation	29,859	33,660	32,937
112.101	Personnel Benefits: Civilian personnel	7,801	8,842	8,785
113.001	Benefits for former personnel	742	4,076	242
121.001	Travel and transportation of persons	2,656	2,526	2,503
122.001	Transportation of things	7,187	9,946	10,244
123.101	Rental payments to GSA	16	1,545	1,592
123.201	Rental payments to others	141,189	191,725	197,477
123.301	Communications, utilities, and miscellaneous charges	96,914	111,044	114,373
124.001	Printing and reproduction	170	143	138
125.101	Advisory and assistance services	1,543	5,486	5,754
125.201	Other services with the private sector	767,978	940,284	807,789
125.302	Purchases goods/services (inter/intra) Fed accounts	19,807	18,120	19,217
126.001	Payments to foreign national indirect hire personnel	11,080	15,467	14,267
131.001	Supplies and materials	8,056	6,912	7,120
132.001	Equipment	228,201	145,512	85,930
143.001	Land and structures	2	11	7
143.001	Interest and dividends			
199.001	Total Direct obligations	1,323,201	1,495,299	1,308,375
Reimbursable obligations:				
Personnel Compensation:				
211.101	Full-time permanent	4		
211.301	Other than full-time permanent	11		
211.901	Total personnel compensation	15		
212.101	Personnel Benefits: Civilian Personnel		1	2
213.001	Benefits for former personnel		4	
221.001	Travel and transportation of persons	2	1	1
223.201	Rental payments to others	1,615	5,332	5,492
225.201	Other services with the private sector	13,686	17,219	14,031
225.302	Purchases goods/services (inter/intra) Fed accounts			
226.001	Payments to foreign national indirect hire personnel		103	105
231.001	Supplies and materials	5	68	59
231.001	Equipment	1	1,272	1,310

Family Housing, Army				MAR 96
Program and Financing (in Thousands of dollars)				
Budget plan (amounts for FAMILY HOUSING actions programed)				Obligations
Identification code	21-0702-0-1-051	1995 actual	1996 est.	1997 est.
299.001	Total Reimbursable obligations	15,324	24,000	21,000
999.901	Total obligations	1,338,525	1,519,299	1,329,375

March 1996

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**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
NEW CONSTRUCTION**

	(\$ In Thousands)
FY 1997 Program	38,300
FY 1996 Program	65,800

PURPOSE AND SCOPE

This program provides for replacing housing where analysis indicates it will be more economical to replace rather than renovate existing housing. Project cost estimates include site preparation, construction, and initial outfitting with fixtures and integral equipment of new family housing units, along with associated facilities such as roads, driveways, walks, utility systems, demolition, and community facilities.

PROGRAM SUMMARY

Authorization is requested in FY 97 for:

1. Construction of 282 family housing units to replace 282 units to be demolished which are uneconomical to revitalize.
2. Appropriation in the amount of \$38,300,000 (includes \$3,489,000 to demolish excess units) to fund construction of 282 family housing units and demolition of 282 existing family housing units.

A summary of the requested new construction funding program for FY 97 follows:

	No. Of Units <u>Constr.</u>	No. of Units <u>Demolished</u>	Amount <u>(\$000)</u>
Deficit Reduction:	0	0	0
Replacement:			
Schofield Barracks, HI	54	-54	10,000
Fort Bragg, NC	88	-88	9,800
Fort Hood, TX	140	-140	18,500
Total	282	-282	38,300

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM		2. DATE March 1996	
3. INSTALLATION AND LOCATION Schofield Barracks Hawaii	4. COMMAND US Army Pacific		5. AREA CONSTRUCTION COST INDEX 1.73	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1995	2209	12960	2473	34	121	0	166	1903	3756	23,622
B. END FY 2001	2259	12873	4343	26	149	0	153	1860	3809	25,472

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	21,457 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	2,523,816
C. AUTHORIZATION NOT YET IN INVENTORY.....	81,649
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	10,000
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	30,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	60,600
H. GRAND TOTAL.....	2,706,065

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:				
CATEGORY PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
711	42458	Family Housing Replacement Construction	10,000	TURNKEY
TOTAL			10,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 1998 PROGRAM:		
711	FAMILY HOUSING REPLACEMENT CONSTRUCTION	30,000
TOTAL		30,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
<p>The primary mission of Schofield Barracks is to sustain the readiness status of the 25th Infantry Division. Schofield Barracks is one of the primary family housing sites for Army personnel, and also provides administration, unaccompanied housing, support and training facilities for the Army in Hawaii.</p>	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
(\$000)	
A. AIR POLLUTION	0

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE March 1996						
INSTALLATION AND LOCATION: Schofield Barracks Hawaii								
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)</p> <table> <thead> <tr> <th></th> <th>(\$000)</th> </tr> </thead> <tbody> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </tbody> </table>				(\$000)	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1.COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2.DATE March 1996	
3.INSTALLATION AND LOCATION Schofield Barracks, Hawaii				4.PROJECT TITLE Family Housing Replacement Construction		
5.PROGRAM ELEMENT 88741A		6.CATEGORY CODE 711		7.PROJECT NUMBER 42458		8.PROJECT COST (\$000) Auth 10,000 Approp 10,000
9.COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
PRIMARY FACILITY						7,678
Junior Enlisted Fam Qtrs (54)				m2	6,132	1,248
Building Information Systems				LS	--	--
						(28)
SUPPORTING FACILITIES						1,258
Electric Service				LS	--	--
Water, Sewer, Gas				LS	--	--
Paving, Walks, Curbs And Gutters				LS	--	--
Storm Drainage				LS	--	--
Site Imp(133) Demo(285)				LS	--	--
Information Systems				LS	--	--
						(213)
						(290)
						(225)
						(74)
						(418)
						(38)
ESTIMATED CONTRACT COST						8,936
CONTINGENCY PERCENT (5.00%)						447
SUBTOTAL						9,383
SUPERVISION, INSPECTION & OVERHEAD (6.50%)						610
TOTAL REQUEST						9,993
TOTAL REQUEST (ROUNDED)						10,000
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10.Description of Proposed Construction Whole neighborhood revitalization by demolishing 54 junior enlisted three and four bedroom dwelling units constructed in 1961 that are uneconomical to revitalize and constructing 54 replacement units. New units will be built on the existing site and consist of variously configured multi and/or detached duplex units. Dwelling units will be factory-built manufactured houses or conventionally site built houses with carports and patios. The project will provide kitchen appliances, washers, dryers, and hard wired interconnected smoke detectors. Supporting facilities include underground utilities, street lights, underground information systems, paving, walks, curbs and gutters, and site improvements including tot lots and landscaping. At least five percent of the dwelling units will be accessible and easily modifiable to accommodate the requirements of the handicapped. Demolition includes asbestos and lead base paint abatement.						
Grade	No of Bedrooms	Net Area	Project Factor	\$/m2	No of Units	Total (\$000)
E1-E6	3	111.5m2	1.73	721.00	46	6,398
E1-E6	4	125.4m2	1.73	721.00	8	1,252
				TOTAL:	54	7,650

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE March 1996
3. INSTALLATION AND LOCATION Schofield Barracks, Hawaii		
4. PROJECT TITLE Family Housing Replacement Construction		5. PROJECT NUMBER 42458
<p><u>PROJECT:</u> Whole neighborhood revitalization by replacement of 54 family housing units for junior enlisted personnel including supporting infrastructure and neighborhood amenities. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing conditions of these junior enlisted quarters, neighborhood amenities and support facilities by providing replacement quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing housing has deteriorated to a condition where they are no longer economical to revitalize and will be demolished. Adequate on-post housing is required for assigned personnel.</p> <p><u>CURRENT SITUATION:</u> Living spaces in these units are undersized and deteriorated. The living, dining, kitchen, bedrooms, and bathroom areas require extensive repairs and redesign. Electrical service and lighting is inadequate and does not meet current standards. The kitchen and bathroom fixtures and facilities are deteriorated and require replacement. There are limited available parking spaces and carports. On-street parking is overcrowded making most streets accessible to one-way traffic only. The sewer lines are old and deteriorated and also require replacement. The existing three and four bedroom units are two story, one and one-half bath quarters at 98.3 and 109.0 net square meters respectively.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, inadequate quarters will remain in use, energy and maintenance costs will continue to increase, and the health, safety and quality of life of the occupants will be adversely affected.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994). The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives.</p>		
Installation Engineer: Colonel Dennis J. Fontana; 808/656-1289		

MILITARY FAMILY HOUSING JUSTIFICATION					1. DATE OF REPORT March 1996	2. FISCAL YEAR 1997	REPORT CONTROL SYMBOL P&L (AR) 1716		
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME US Army Oahu, Hawaii			b. LOCATION Honolulu, Hawaii HI 96858-5000 USA				
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED				
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)	
6. TOTAL PERSONNEL STRENGTH	2,409	11,733	3,251	17,393	2,438	11,653	3,229	17,320	
7. PERMANENT PARTY PERSONNEL	2,375	11,612	3,251	17,238	2,412	11,504	3,228	17,145	
8. GROSS FAMILY HOUSING REQUIREMENT	1,677	8,381	952	10,990	1,703	8,283	945	10,931	
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	207	1,029	422	1,658					
a. INVOLUNTARILY SEPARATED	45	134	8	187					
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0					
c. UNACCEPTABLY HOUSED - IN COMMUNITY	162	895	414	1,471					
10. VOLUNTARY SEPARATIONS	30	405	73	508	30	402	72	504	
11. EFFECTIVE HOUSING REQUIREMENTS	1,647	7,956	879	10,482	1,673	7,881	873	10,427	
12. HOUSING ASSETS (a + b)	1,614	7,714	503	9,831	1,508	7,854	884	10,026	
a. UNDER MILITARY CONTROL	1,545	5,781	196	7,522	1,445	5,876	581	7,902	
(1) Housed in Existing DOD Owned/Controlled	1,371	4,994	150	6,515	1,445	5,876	581	7,902	
(2) Under Contract / Approved							0	0	
(3) Vacant	151	800	21	772					
(4) Inactive	23	187	25	235					
b. PRIVATE HOUSING	69	1,933	307	2,309	63	1,778	283	2,124	
(1) Acceptably Housed	69	1,933	307	2,309					
(2) Acceptable Vacant Rental	0	0	0	0					
13. EFFECTIVE HOUSING DEFICIT	33	242	376	651	165	227	9	401	
14. PROPOSED PROJECT					0	54	0	54	
15. REMARKS (Specify item number)									
Line 14. This project will demolish 54 uneconomical to revitalize units and construct 54 Junior Enlisted replacement units. There will be no change to the inventory as a result of this project.									
Junior ENL: 46 Three bedroom units									
Junior ENL: 8 Four bedroom units									

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM		2. DATE March 1996
3. INSTALLATION AND LOCATION Fort Bragg North Carolina	4. COMMAND US Army Forces Command		5. AREA CONSTRUCTION COST INDEX 0.86
6. PERSONNEL STRENGTH:			
	PERMANENT		STUDENTS
	OFFICER ENLIST CIVIL		SUPPORTED
	OFFICER ENLIST CIVIL		OFFICER ENLIST CIVIL TOTAL
A. AS OF 30 SEP 1995	5278	34740 4492	352 1618 0 161 334 4934 51,909
B. END FY 2001	5221	34757 4085	397 1915 0 157 332 4934 51,798
7. INVENTORY DATA (\$000)			
A. TOTAL AREA..... 60,712 ha			
B. INVENTORY TOTAL AS OF 30 SEP 1995..... 3,185,345			
C. AUTHORIZATION NOT YET IN INVENTORY..... 62,762			
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM..... 9,800			
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM..... 2,800			
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... 0			
G. REMAINING DEFICIENCY..... 0			
H. GRAND TOTAL..... 3,260,707			
8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:			
CATEGORY PROJECT		COST	DESIGN STATUS
CODE	NUMBER PROJECT TITLE	(\$000)	START COMPLETE
711	41639 Family Housing Replacement Construction	9,800	TURNKEY
TOTAL		9,800	
9. FUTURE PROJECTS:			
CATEGORY		COST	
CODE	PROJECT TITLE	(\$000)	
A. INCLUDED IN THE FY 1998 PROGRAM:			
711	Family Housing Replacement Construction	2,800	
TOTAL		2,800	
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE			
10. MISSION OR MAJOR FUNCTIONS:			
Support and training of an Airborne Division and non-divisional Support units; provides support to the USA John F. Kennedy Center for Military Assistance; XVIII Corps Headquarters and miscellaneous other tenant activities.			
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:			
		(\$000)	
A. AIR POLLUTION		0	

1.COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2.DATE March 1996	
3.INSTALLATION AND LOCATION Fort Bragg, North Carolina				4.PROJECT TITLE Family Housing Replacement Construction		
5.PROGRAM ELEMENT 88741A		6.CATEGORY CODE 711	7.PROJECT NUMBER 41639		8.PROJECT COST (\$000) Auth 9,800 Approp 9,800	
9.COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,930
Three Bedroom Housing Units			m2	9,812	602.03	(5,907)
Building Information Systems			LS	--	--	(23)
<u>SUPPORTING FACILITIES</u>						2,858
Electric Service			LS	--	--	(120)
Water, Sewer, Gas			LS	--	--	(369)
Paving, Walks, Curbs And Gutters			LS	--	--	(92)
Storm Drainage			LS	--	--	(83)
Site Imp(402) Demo(1,793)			LS	--	--	(2,194)
ESTIMATED CONTRACT COST						8,788
CONTINGENCY PERCENT (5.00%)						439
SUBTOTAL						9,227
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						554
TOTAL REQUEST						9,781
TOTAL REQUEST (ROUNDED)						9,800
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10.Description of Proposed Construction Whole neighborhood revitalization by demolishing 88 junior noncommissioned officer (NCO) Capehart family housing units constructed in 1958 that are not economical to revitalize, and constructing 88 replacement units built to current standards. Replacement construction consists of variously configured one and two story multi-family units and/or detached one or two story duplex units which are factory built/manufactured houses and/or conventionally on-site built houses with carports and patios. Project will provide central heating and air conditioning, appliances, water heater, hard wired interconnected smoke detectors, utilities, storm drainage, information systems (telephone and cable TV), paving, walks, curbs and gutters, recreation facilities and landscaping. At least five percent of the units will be accessible and easily modifiable to accommodate the requirements of the handicapped. Asbestos and lead based paint removal is required. Underground oil tanks will be removed.						
GRADE	BEDROOMS	NET AREA	PROJECT FACTOR	COST/ NET m2	NO. UNITS	TOTAL (\$000)
JRNCO	3	111.5m2	0.86	700.00	88	5,907

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE March 1996
3. INSTALLATION AND LOCATION Fort Bragg, North Carolina		
4. PROJECT TITLE Family Housing Replacement Construction		5. PROJECT NUMBER 41639
<p><u>PROJECT:</u> Whole neighborhood revitalization by demolishing 88 Capehart family housing units which are uneconomical to revitalize to current standards, and constructing 88 junior NCO family housing units including the supporting infrastructure and neighborhood amenities. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing living conditions for junior NCO family quarters, neighborhood amenities and support facilities by providing quarters that meet current standards of size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically improved to meet current standards.</p> <p><u>CURRENT SITUATION:</u> These 88 family housing units were constructed using the tract housing concept and suffer from numerous inadequacies typical of housing constructed under the Capehart program. Vehicle parking is lacking, and visitors park on the grass. Interior and exterior storage is insufficient. The electrical systems are inadequate to accommodate today's typical family. The bathroom fixtures, plumbing, heating and air conditioning systems are deteriorated, require continual maintenance and repair, and need to be replaced. These two story units lack bathrooms on the first floor. Ceiling and wall insulation and insulated windows are required to improve energy efficiency. Roofs need to be replaced and the exterior finished with new siding. The overhead electrical wiring needs to be replaced with direct burial cable, existing water and sewer lines require replacement, and new playground equipment, privacy fences and landscaping are required. While these units are over thirty five years old, they do not have the mature trees and landscaping associated with older neighborhoods. The units generally have a poor outside appearance and interior living environment. Since the HVAC duct system is located in the first floor concrete slabbing, dwelling units cannot be permanently treated for termites. Asbestos exists in pipe insulation and mechanical room wall board. Lead based paint exists on interior and exterior finished surfaces.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. This adversely affects the health, safety and quality of life of these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, preventing achievement of the President's energy reduction goals.</p> <p><u>ADDITIONAL:</u> The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994.</p>		
Installation Engineer: Colonel James R. Hougnon; 910/396-4009		

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT March 1996	2. FISCAL YEAR 1997	REPORT CONTROL SYMBOL P&L(AR)1716			
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Fort Bragg A37225		b. LOCATION Fayetteville NC 28307-5000					
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	BB - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	BB - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		5,791	29,527	7,165	42,483	5,775	29,858	7,146	42,779
7. PERMANENT PARTY PERSONNEL		5,611	28,583	7,016	41,210	5,566	28,901	7,027	41,494
8. GROSS FAMILY HOUSING REQUIREMENT		3,832	18,952	1,790	24,574	3,802	19,161	1,792	24,755
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		0	944	157	1,101				
a. INVOLUNTARILY SEPARATED			121	23	144				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY			823	134	957				
10. VOLUNTARY SEPARATIONS		139	1,075	116	1,330	138	1,087	116	1,341
11. EFFECTIVE HOUSING REQUIREMENTS		3,693	17,877	1,674	23,244	3,664	18,074	1,676	23,414
12. HOUSING ASSETS (a + b)		3,799	17,387	1,517	22,703	3,799	17,387	1,517	22,703
a. UNDER MILITARY CONTROL		990	3,868	234	5,092	990	3,868	234	5,092
(1) Housed in Existing DOD Owned/Controlled		884	3,414	234	4,532	990	3,868	234	5,092
(2) Under Contract / Approved									0
(3) Vacant		17	116	0	135				
(4) Inactive		89	336	0	425				
b. PRIVATE HOUSING		2,809	13,519	1,283	17,611	2,809	13,519	1,283	17,611
(1) Acceptably Housed		2,809	13,519	1,283	17,611				
(2) Acceptable Vacant Rental		0	0	0	0				
13. EFFECTIVE HOUSING DEFICIT		(106)	490	157	541	(135)	687	159	711
14. PROPOSED PROJECT						0	88	0	88
15. REMARKS (Specify item number)									
<p>Line 14. This project will demolish 88 Junior NCO units which are uneconomical to revitalize and constructs 88 Junior NCO replacement units. There is no change to the inventory as a result of this project.</p> <p>Junior NCO: 88 Three Bedroom Units</p>									

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE March 1996
3. INSTALLATION AND LOCATION Fort Hood Texas	4. COMMAND US Army Forces Command	5. AREA CONSTRUCTION COST INDEX 0.90

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED		
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST
	CIVIL	CIVIL	CIVIL	CIVIL	TOTAL
A. AS OF 30 SEP 1995	4791	38991	3593	0	333
				0	81
				265	3300
					51,354
B. END FY 2001	4571	38106	3257	0	354
				0	78
				266	3300
					49,932

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	87,990 ha
B. INVENTORY TOTAL AS OF 30 SEP 1995.....	3,340,441
C. AUTHORIZATION NOT YET IN INVENTORY.....	68,800
D. AUTHORIZATION REQUESTED IN THE FY 1997 PROGRAM.....	18,500
E. AUTHORIZATION INCLUDED IN THE FY 1998 PROGRAM.....	18,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	36,000
H. GRAND TOTAL.....	3,481,741

8. PROJECTS REQUESTED IN THE FY 1997 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS
CODE	NUMBER			START COMPLETE
711	23494	Family Housing Replacement Construction	18,500	TURNKEY
TOTAL			18,500	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. INCLUDED IN THE FY 1998 PROGRAM:		
711	Family Housing Replacement Construction	18,000
TOTAL		18,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Support and training of III Corps Headquarters and organizations assigned to III Corps, including 1st CAV Division. Ensure the most efficient utilization of resources to operate Fort Hood and accomplish all assigned missions. Ensure Fort Hood is prepared for mobilization.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
A. AIR POLLUTION	(\$000) 0

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROGRAM	2. DATE March 1996						
INSTALLATION AND LOCATION: Fort Hood Texas								
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)</p> <table> <thead> <tr> <th></th> <th>(\$000)</th> </tr> </thead> <tbody> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </tbody> </table>				(\$000)	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							

1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE March 1996	
3. INSTALLATION AND LOCATION Fort Hood, Texas				4. PROJECT TITLE Family Housing Replacement Construction		
5. PROGRAM ELEMENT 88741A		6. CATEGORY CODE 711		7. PROJECT NUMBER 23494		8. PROJECT COST (\$000) Auth 18,500 Approp 18,500
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
<u>PRIMARY FACILITY</u>						11,375
Family Housing				m2	18,748	604.72 (11,337)
Building Information Systems				LS	--	-- (38)
<u>SUPPORTING FACILITIES</u>						5,464
Electric Service				LS	--	-- (676)
Water, Sewer, & Gas				LS	--	-- (1,294)
Paving, Walks, Curbs & Gutters				LS	--	-- (649)
Storm Drainage				LS	--	-- (360)
Site Imp(968) Demo(1,411)				LS	--	-- (2,378)
Information Systems				LS	--	-- (107)
ESTIMATED CONTRACT COST						16,839
CONTINGENCY PERCENT (5.00%)						842
SUBTOTAL						17,681
SUPERVISION, INSPECTION & OVERHEAD (6.00%)						1,061
TOTAL REQUEST						18,742
TOTAL REQUEST (ROUNDED)						18,500
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10. Description of Proposed Construction Whole neighborhood revitalization by demolition of 140 two and three-bedroom junior noncommissioned officer dwelling units in Chaffee Village, constructed in 1956, and construction of 140 replacement units (76 four and 64 five-bedroom junior noncommissioned officer family dwelling units). Replacement construction will be on a new site and consist of variously configured multi-units and/or single buildings. Dwelling units will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes wood frame construction, brick veneer, stucco or pre-finished siding. The dwelling units will be heated and air conditioned, and include all required utility services, communications, paving, walks, landscaping, recreation facilities and site improvements. Passive solar energy conservation measures will be utilized where shown to be cost effective. Project will provide appliances, washer and dryer connections, hot water heater and hard wired interconnected smoke detectors. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped. Roadway access and utility systems will be brought to the new area. The existing 140 units will be demolished, requiring lead base paint, chlordane and asbestos abatement.						

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE March 1996																												
3. INSTALLATION AND LOCATION Fort Hood, Texas																														
4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 23494																													
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Grade</th> <th style="text-align: left;">Bedrooms</th> <th style="text-align: left;">Net Area</th> <th style="text-align: left;">Project Factor</th> <th style="text-align: left;">Cost Per m2</th> <th style="text-align: left;">No. Units</th> <th style="text-align: left;">(\$000) Total</th> </tr> </thead> <tbody> <tr> <td>JRNCO</td> <td>4</td> <td>125.4m2</td> <td>0.864</td> <td>700.00</td> <td>76</td> <td>5,764</td> </tr> <tr> <td>JRNCO</td> <td>5</td> <td>144.0m2</td> <td>0.864</td> <td>700.00</td> <td>64</td> <td>5,574</td> </tr> <tr> <td colspan="5" style="text-align: right;">TOTAL</td> <td>140</td> <td>11,338</td> </tr> </tbody> </table>			Grade	Bedrooms	Net Area	Project Factor	Cost Per m2	No. Units	(\$000) Total	JRNCO	4	125.4m2	0.864	700.00	76	5,764	JRNCO	5	144.0m2	0.864	700.00	64	5,574	TOTAL					140	11,338
Grade	Bedrooms	Net Area	Project Factor	Cost Per m2	No. Units	(\$000) Total																								
JRNCO	4	125.4m2	0.864	700.00	76	5,764																								
JRNCO	5	144.0m2	0.864	700.00	64	5,574																								
TOTAL					140	11,338																								
<p><u>PROJECT:</u> Whole neighborhood revitalization by replacement of 140 junior noncommissioned officer family dwelling units and supporting facilities located in the Chaffee Village area with 140 four and five bedroom units on a new site. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to correct existing living conditions of these junior noncommissioned officer quarters, neighborhood amenities and support facilities by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety.</p> <p><u>CURRENT SITUATION:</u> These two and three bedroom units lack carports and adequate bulk storage. They are inadequately sized at 83.6 and 98.9 net square meters respectively, with the washer, dryer and hot water heater in the kitchen. Mechanical and utility systems are inefficient and inadequately sized. Fort Hood has a deficit in four and five-bedroom houses for junior NCOs and a surplus in one, two, and three-bedroom houses for this grade level. Larger families now compete for smaller housing or face involuntary family separation. This project will help correct the imbalance of available four and five-bedroom units.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, these quarters will continue to deteriorate with maintenance costs continuing to accelerate and the health, safety and quality of life of the occupants will be diminished. In addition, soldiers and their families will be forced to continue to compete for limited four and five-bedroom housing in the civilian community or face involuntary family separations.</p> <p><u>ADDITIONAL:</u> The life cycle cost analysis shows replacement to be more cost effective than all other feasible alternatives. This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994.</p>																														
Installation Engineer: Colonel Albert G. Bungard; 817/287-5057																														

MILITARY FAMILY HOUSING JUSTIFICATION					1. DATE OF REPORT March 1996	2. FISCAL YEAR 1997	REPORT CONTROL SYMBOL P&L(AR)1716		
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Fort Hood A48255			b. LOCATION Fort Hood TX 76544				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E8 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E8 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		4,872	30,679	8,910	44,461	4,649	30,063	8,663	43,375
7. PERMANENT PARTY PERSONNEL		4,872	30,348	8,908	44,128	4,649	29,699	8,663	43,011
8. GROSS FAMILY HOUSING REQUIREMENT		3,514	21,931	2,806	28,251	3,352	21,466	2,730	27,548
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		152	1,597	205	1,954				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		152	1,597	205	1,954				
10. VOLUNTARY SEPARATIONS		45	334	74	453	41	328	72	441
11. EFFECTIVE HOUSING REQUIREMENTS		3,469	21,597	2,732	27,798	3,311	21,138	2,658	27,107
12. HOUSING ASSETS (a + b)		3,670	22,259	2,857	28,786	3,590	21,979	2,857	28,426
a. UNDER MILITARY CONTROL		914	4,642	0	5,556	914	4,869	0	5,783
(1) Housed in Existing DOD Owned/Controlled		808	4,583		5,391	914	4,642		5,556
(2) Under Contract / Approved							227		227
(3) Vacant		10	55		65				
(4) Inactive		96	4		100				
b. PRIVATE HOUSING		2,756	17,617	2,857	23,230	2,676	17,110	2,857	22,643
(1) Acceptably Housed		2,509	15,417	2,527	20,453				
(2) Acceptable Vacant Rental		247	2,200	330	2,777				
13. EFFECTIVE HOUSING DEFICIT		(201)	(662)	(125)	(988)	(279)	(841)	(199)	(1,319)
14. PROPOSED PROJECT							140		140
15. REMARKS (Specify item number)									
Line 13. Report does not reflect deficit associated with number of bedrooms. Ft Hood has a deficit of 1,705 units with 4 or more bedrooms that cannot be supported by private rentals.									
Line 14. This project will demolish 140 Junior NCO 2 and 3 bedroom units which are uneconomical to revitalize and construct 140 Junior NCO 4 and 5 bedroom units. There is no net change to the inventory as a result of this project.									
Junior NCO: 76 Four Bedroom Units									
Junior NCO: 64 Five Bedroom Units									

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**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
POST ACQUISITION CONSTRUCTION**

	(\$ In Thousands)
FY 1997 Program	33,750
FY 1996 Program	48,856

PURPOSE AND SCOPE

The Army operates and maintains an inventory of approximately 121,500 family housing units with an average age exceeding 30 years. Many of these units require major expenditures for improvements or revitalization to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing. The Post Acquisition Construction program provides funding for this necessary revitalization. The proposed investment will increase the useful life of the revitalized units by 25 years and concurrently reduce deferred maintenance and repairs.

The Army is continuing to emphasize the "whole neighborhood" revitalization concept. Our program considers the requirement of the total neighborhood including the dwelling units, supporting utilities, energy conservation, roads, playgrounds, and community facilities. This will eliminate much of the existing stereotypical, project housing; improve quarters to contemporary standards; and provide functional units in more attractive housing areas. Economic analyses were conducted to determine whether revitalization or replacement housing is the better long-term investment.

We have included one overseas post acquisition construction project in this request. Although we are primarily relying on host nation support or residual value contributions to improve our overseas family housing, the requested project in Italy is not eligible for either host nation or residual value support. The requested project in Italy, like its CONUS counterparts, is necessary to restore badly deteriorated facilities.

March 1996

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
POST ACQUISITION CONSTRUCTION (continued)**

PROGRAM SUMMARY

Authorization is requested for appropriation for whole neighborhood revitalization and improvements to 460 units.

Projects exceeding the statutory funding limitation of \$50,000 per dwelling unit (adjusted by the area construction factor) are listed below:

1. Whole neighborhood revitalization of 70 historic enlisted and officer units at Fort Monroe, VA.

2. Whole neighborhood revitalization of 14 historic field grade officer quarters at the United States Military Academy, NY.

3. Whole neighborhood revitalization of 76 junior non-commissioned officer units at Vicenza, Italy. This project exceeds the \$35,000 per unit administrative limit established in H.R. Report 100-620, May, 1988. No improvements were performed during the past three years (FY 94-96) and no additional improvements are planned in the following three years (FY 98-00).

The remaining improvements to existing family quarters and supporting facilities, with costs less than the statutory funding limitation, are included in the program and requested authorization amount.

FUNDING SUMMARY

Construction Improvements
Program (\$000)

\$33,750

Requested Authorization
Amount (\$000)

\$33,750

1.COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2.DATE March 1996	
3.INSTALLATION AND LOCATION Various Locations - Continental and Overseas				4.PROJECT TITLE Army Family Housing Post Acquisition Construction		
5.PROGRAM ELEMENT 88742A		6.CATEGORY CODE 711		7.PROJECT NUMBER AFH		8.PROJECT COST (\$000) Auth 33,750 Approp 33,750
9.COST ESTIMATES						
ITEM				U/M	QUANTITY	UNIT COST
Post Acquisition Construction Improvements					LS	33,750
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)					LS	0
TOTAL						33,750
10.Description of Proposed Construction						
<p>These projects provide needed revitalization of family housing units that do not meet current standards for livability, maintainability and energy efficiency. Revitalization projects provide for renewal of the whole neighborhood which considers the dwelling unit and supporting infrastructure. Work within the house considers upgrading kitchens (to include dishwashers, garbage disposals and range hoods) and bathrooms, installation of new half-baths (where required), increasing net living area to space currently authorized, installation of central air conditioning and heating systems including, as required, relocation of ductwork, exterior storage, patios and covered parking. Replacement or installation of supporting infrastructure considers utility distribution systems, storm sewers, roads, road realignment, off street parking, landscaping and recreation facilities.</p>						

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE March 1996
3. INSTALLATION AND LOCATION Various Locations - Continental and Overseas		
4. PROJECT TITLE Army Family Housing Post Acquisition Construction		5. PROJECT NUMBER
<p>11. REQUIREMENTS: The numerous acquisitions of the post war period have left a legacy of houses that are over thirty years old which require major revitalization. The improvement requirements of the inventory have increased faster than prior years programs have met. Consequently, there is an on going requirement to renew and upgrade quarters including upgrading/replacement of the supporting infrastructure and recreational facilities. Units must be revitalized/improved due to age and obsolescence as contemporary standards have evolved. Since units are fully occupied and in high demand, accomplishing the program requires that a systematic revitalization effort be maintained. Units have deteriorated support systems and size/functionality deficiencies that are not adequate for today's family.</p> <p>IMPACT IF NOT PROVIDED: The desired/required improvements to our service members' quality of life will not be realized. Family housing units and supporting systems will continue to be used as is with increasing obsolescence, recurring maintenance costs and unnecessarily high energy use. The President's goal of 30% energy reduction between 1985 and 2005 will not be met. Soldiers and their families will continue to live in quarters that are below acceptable standards, affecting their duty performance and adversely impacting on the Army's mission.</p>		

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA		2. DATE March 1996
3. INSTALLATION AND LOCATION Various Locations - Continental and Overseas			
4. PROJECT TITLE Army Family Housing Post Acquisition Construction		5. PROJECT NUMBER	
DESCRIPTION OF WORK TO BE ACCOMPLISHED			
Country/State Installation and Project			
	Post Acquisition Construction -----	ECIP -----	CWE (\$000) Total -----
Hawaii			
Helemano Military Res (Project Number 39420)		3,450	
Improve access road to the Helemano family housing area by eliminating a blind curve, widening roadway, adding shoulders and lighting, improving drainage, upgrading approach to a state highway and relocate existing utility lines. A new easement right-of-way is required. Roadway serves 888 family housing units.			
Installation Total			3,450
Kansas			
Fort Leavenworth (Project Number 39844)		9,700	
Improve 248 historic and 52 non-historic senior and field grade officer quarters. Provide air conditioning, upgrade electrical distribution and insulation, and replace heating systems - 300 units.			
Installation Total			9,700
New York			
U S Military Academy (Project Number 44428)		1,600	
Whole neighborhood revitalization of historic field grade officer family housing to current standards including energy conservation and neighborhood improvements - 14 units. (Separate DD Form 1391 is attached).			
Installation Total			1,600

1. COMPONENT		2. DATE	
ARMY		March 1996	
3. INSTALLATION AND LOCATION			
Various Locations - Continental and Overseas			
4. PROJECT TITLE		5. PROJECT NUMBER	
Army Family Housing Post Acquisition Construction			
DESCRIPTION OF WORK TO BE ACCOMPLISHED			
Country/State Installation and Project			
	Post Acquisition Construction	ECIP	CWE (\$000) Total
	-----	----	-----
Virginia			
Fort Monroe			
(Project Number 25519) 12,600			
Whole neighborhood revitalization of historic field and company grade officer and enlisted family housing quarters to current standards including supporting infrastructure, community recreational facilities and energy conservation improvements - 70 units. (Separate DD Form 1391 is attached).			
Installation Total			12,600
USA TOTALS			27,350

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA		2. DATE March 1996
3. INSTALLATION AND LOCATION Various Locations - Continental and Overseas			
4. PROJECT TITLE Army Family Housing Post Acquisition Construction		5. PROJECT NUMBER	
DESCRIPTION OF WORK TO BE ACCOMPLISHED			
Country/State Installation and Project			
	Post Acquisition Construction -----	ECIP -----	CWE (\$000) Total -----
Italy			
Vicenza Various			
(Project Number 31791) 6,400			
Whole neighborhood revitalization of junior noncommissioned officer family housing to current standards including supporting infrastructure and energy conservation improvements - 76 units. (Separate DD Form 1391 is attached).			
Installation Total			6,400
Italy Total			6,400
OVERSEAS TOTALS		6,400	6,400
Total USA and Overseas		33,750	33,750

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1. COMPONENT ARMY		FY 1997		MILITARY CONSTRUCTION PROJECT DATA		2. DATE March 1996	
3. INSTALLATION AND LOCATION United States Military Academy, New York				4. PROJECT TITLE Family Housing Improvements			
5. PROGRAM ELEMENT 88742A		6. CATEGORY CODE 711		7. PROJECT NUMBER 44428		8. PROJECT COST (\$000) Auth 1,600 Approp 1,600	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY							
Revitalization FGO Qtrs				FA	14	79,483	1,113 (1,113)
SUPPORTING FACILITIES							
Paving, Walks, Curbs And Gutters				LS	--	--	255 (206)
Site Imp(49) Demo()				LS	--	--	(49)
ESTIMATED CONTRACT COST							1,368
CONTINGENCY PERCENT (10.0%)							137
SUBTOTAL							1,505
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							90
TOTAL REQUEST							1,595
TOTAL REQUEST (ROUNDED)							1,600
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Revitalize 14 historic five bedroom field grade officer quarters constructed in 1935 in the Lee Housing Area. This is the final phase of an ongoing program for renewal of 128 family housing units in the Lee Area. The interior and exterior spaces require repairs and improvement in varying amounts. Scope of work includes renovating kitchens by providing additional counter space, cabinets, garbage disposal, exhaust range hood, dishwashers, and ground fault receptacles; bathroom renovation includes replacement of ceramic tile walls/floors, plumbing, lighting fixtures, bathroom accessories, and installing ground fault receptacles and exhaust fans. Reconfigure second floor master bath and basement bathroom. Enclose utility area, replace electric outlets for dryer and washer, install dryer vents, replace water and drain connections for washer, replace laundry sink and provide storage cabinets. Replace seven wood double hung windows and seven basement windows in each unit. Replace all entry doors and over head garage door. Remove and replace all unsound and defective plaster walls and ceilings, using methods to maintain historic features. Electrical upgrade to current standards including interior and exterior light fixtures and exterior ground fault receptacles. Provide air conditioning. Remove any asbestos insulation encountered and reinsulate. Provide for lead based paint and radon abatement.							

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE March 1996
3. INSTALLATION AND LOCATION United States Military Academy, New York		
4. PROJECT TITLE Family Housing Improvements		5. PROJECT NUMBER 44428
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> Repair slate roofing. Site work includes widening of existing driveways, walkways, and front and rear porch repairs. Complete interior and exterior painting.</p> <p><u>PROJECT:</u> Revitalize 14 historic field grade officer family housing quarters. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing conditions of the quarters to conform to adequate standards of comfort, habitability, safety, and to extend the life expectancy of the quarters.</p> <p><u>CURRENT SITUATION:</u> The existing kitchens have insufficient work areas for use of current day household appliances. Existing bathrooms have adequate plumbing but fixtures are worn out, insufficient electrical outlets and baths without showers. The utility areas require improvement of lighting, dryer vents and utility connections. These units consist of 7 two story brick duplex buildings with slate roofs, five bedrooms, three baths, full basement, 123.3 net square meters with attached garage. The fixtures and finishes installed when built over 50 years ago are failing and need to be restored or replaced. Building functional design or capacity will not be altered by this project. Historical features will be preserved.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate with maintenance costs continuing to accelerate and the health, safety and quality of life of the occupants will be diminished.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security and/or combatting terrorism (CBT/T) measures are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 3 July 1994. These housing units are located within a National Historic Landmark District and portray a significant part of the history of the U.S. Military Academy. Exterior repairs are reviewed and approved through the New York State Historic Preservation Office.</p>		
Installation Engineer: Colonel Michael F. Colacicco; 914/938-3415		

1. COMPONENT		FY 1997		MILITARY CONSTRUCTION PROJECT DATA		2. DATE	
ARMY						March 1996	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE			
Fort Monroe, Virginia				Family Housing Improvements			
5. PROGRAM ELEMENT		6. CATEGORY CODE		7. PROJECT NUMBER		8. PROJECT COST (\$000)	
88742A		711		25519		Auth 12,600 Approp 12,600	
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>							9,237
Type 2 Quarters - Duplex Field G				FA	2	135,000	(270)
Type 14 Quarters - Duplex Field				FA	2	135,000	(270)
Type 20 Quarters - Duplex Col				FA	6	225,000	(1,350)
Type 5 Quarters - Duplex Jr NCO				FA	36	111,000	(3,996)
Type 3-Duplex Company Grd				FA	8	106,000	(848)
Total from Continuation page							(2,503)
<u>SUPPORTING FACILITIES</u>							1,504
Water, Sewer, Gas				LS	--	--	(259)
Paving, Walks, Curbs And Gutters				LS	--	--	(580)
Storm Drainage				LS	--	--	(221)
Site Imp(409) Demo()				LS	--	--	(409)
Information Systems				LS	--	--	(35)
ESTIMATED CONTRACT COST							10,741
CONTINGENCY PERCENT (10.0%)							1,074
SUBTOTAL							11,815
SUPERVISION, INSPECTION & OVERHEAD (6.00%)							709
TOTAL REQUEST							12,524
TOTAL REQUEST (ROUNDED)							12,600
INSTALLED EQT-OTHER APPROPRIATIONS							(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 70 historic family quarters consisting of 8 colonel, 14 company/field grade officer, and 48 senior and junior noncommissioned officer family housing dwellings. Work will include replacement of heating systems and provision of central air conditioning, attic ventilation and ceiling fans. Repair interior and exterior finishes, underground utility lines, plumbing systems (interior/exterior), exposed conduit, kitchen and bath renovation, unit insulation, laundry facilities, sealing fireplaces, extending firewalls, and window restoration/repair. Repairs are required to foundations, exterior hatch doors, porches and structure, pavement areas, and privacy fencing. Site drainage and grading is required. Utility systems will be metered, upgrade to natural gas service, and improve garages/carports and exterior lighting. Improvements are required to the storm drainage system, parking area, jogging trail and tot lots. The functional layout of some units will be altered to provide additional baths or improve floor plan. Lead paint abatement and removal of asbestos siding will be included.							
<u>PROJECT:</u> Whole neighborhood revitalization of 70 historic colonel, field and company grade officer, and senior and junior noncommissioned officer family							

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE March 1996
3. INSTALLATION AND LOCATION Fort Monroe, Virginia		
4. PROJECT TITLE Family Housing Improvements		5. PROJECT NUMBER 25519

9. COST ESTIMATES (CONTINUED)

<u>Item</u>	<u>U/M</u>	<u>QTY</u>	<u>Unit COST</u>	<u>Cost (\$000)</u>
PRIMARY FACILITY (CONTINUED)				
Type 11 - Triplex Fld Grade	FA	2	175,000	(350)
Type 3 - Duplex SrNCO	FA	12	105,000	(1,260)
Type 6 - Duplex Colonel	FA	2	250,000	(500)
Remove asbestos Siding	FA	8	32,275	(258)
Building Information Systems	LS	--	--	(135)
			Total	2,503

PROJECT: (CONTINUED)

housing quarters. (Current Mission)

REQUIREMENT: This project is required to improve existing conditions of these historic quarters to conform to adequate standards of comfort, habitability, safety, and to extend the life expectancy of the quarters in consonance with the National Historic Preservation Act of 1966.

CURRENT SITUATION: These facilities date to the turn of the century. Kitchen counter tops and cabinet fronts are worn and dilapidated. Counter, shelving and cabinet space is severely lacking and cannot accommodate modern appliances nor allow for sufficient work space. Built-in appliances have reached their life expectancy. Interior spaces are awkwardly laid out in some quarters, making them difficult to work and live in. Electrical fixtures, outlets and wiring do not meet current standards. Existing dryer vents run through lower window sashes precluding ability to open the window. Kitchen and bathroom fixtures are aged and worn due to normal wear and tear. Plumbing is worn out and leaks, causing water damage to ceiling and floors. Closet space is inadequate. Basement doors are warped and deteriorated, allowing water to enter the basement. Exterior and interior door hardware is worn out and requires replacement. Door and window frames require restoration due to their age and normal wear and tear, and windows are not properly insulated with many inoperable. Interior finishes to include walls, floors and ceilings require repairs and refinishing. Door and window frames, walls and ceilings are covered with paint build-up which is unsightly and hard to keep clean due to cracking and peeling of old paint. Some paint layers are lead based, posing a health threat when exposed. Oil fired heating burners are failing and central air does not exist in these quarters. Exterior storage facilities are inadequate. The metal roofing system is corroded and pitted with inadequate flashing at critical joints on some units. Replacement with asphalt shingles where historically feasible is required. During and after rainfall, ponding occurs in and around sidewalks, dwelling units and basements. Some wood floors cannot be further sanded and require carpeting. Fireplaces cause energy inefficiency and can pose a safety hazard from clogged flues and should be closed off. Wires and conduit are exposed on both interior and exterior

1. COMPONENT	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		March 1996
3. INSTALLATION AND LOCATION		
Fort Monroe, Virginia		
4. PROJECT TITLE	5. PROJECT NUMBER	
Family Housing Improvements	25519	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>surfaces rather than having been concealed. Firewalls in multiunits need to be extended to conform to fire codes. Attic insulation is inadequate. Foundations of wood frame houses are in poor condition and require jacks to prevent failure of the structure. Brickwork needs repointing due to deteriorated mortar. Asbestos and steel siding is deteriorating and needs to be removed. Porch structures are in poor or failing condition. Broken pavement needs repair or replacement and landscaping and privacy fencing is lacking at most quarters. Neighborhood amenities such as curb and gutters, sidewalks, fencing, underground cable TV connections, security/night lighting, garages or carports, basketball pads, and tot lots are lacking or need expansion or upgrading. Jogging trail needs workout stations at various locations along the path. Storm drainage, natural gas, parking areas and roads, and utility metering at quarters need to be installed or improved. Gutter and downspouts require repair or replacement. Water lines from mains to the houses need to be replaced.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate with maintenance costs continuing to accelerate and the health, safety and quality of life of the occupants will be diminished. The Department of Defense will not be in compliance with the National Historic Preservation Act of 1966.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and no physical security and/or combatting terrorism (CBT/T) improvements are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Construction Criteria," dated 3 July 1994. Coordination with the State Historic Preservation Officer has been ongoing with all current issues being satisfactorily addressed. As these quarters are part of the Fort Monroe National Historic Landmark, no viable alternative exists other than revitalization. All work performed in these units will consider the impact on a life cycle basis to assure the quarters are properly and most economically maintained into the future.</p>		
<p>Installation Engineer: Lieutenant Colonel Hal K. Alguire; 804/727-3807</p>		

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE March 1996
3. INSTALLATION AND LOCATION Vicenza Various, Italy		4. PROJECT TITLE Family Housing Improvements		
5. PROGRAM ELEMENT 88742A	6. CATEGORY CODE 711	7. PROJECT NUMBER 31791	8. PROJECT COST (\$000) Auth 6,400 Approp 6,400	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				
Revitalize 2-Bedroom Units (E)	FA	24	56,900	4,772 (1,366)
Revitalize 3-Bedroom Units (F)	FA	52	65,500	(3,406)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	662 (402)
Paving, Walks, Curbs And Gutters	LS	--	--	(130)
Storm Drainage	LS	--	--	(88)
Site Imp(42) Demo()	LS	--	--	(42)
ESTIMATED CONTRACT COST				5,434
CONTINGENCY PERCENT (10.0%)				543
SUBTOTAL				5,977
SUPERVISION, INSPECTION & OVERHEAD (6.50%)				389
TOTAL REQUEST				6,366
TOTAL REQUEST (ROUNDED)				6,400
INSTALLED EQT-OTHER APPROPRIATIONS				(0)
10. Description of Proposed Construction Whole neighborhood revitalization of 76 (24 two- and 52 three-bedroom) junior non-commissioned officer (NCO) and enlisted two story quadplex type family housing units constructed in 1958. Work includes interior modifications to improve kitchen layout, replace cabinets, and add counter space, upgrade and repair plumbing and electrical systems, install kitchen exhaust vent (200 CFM) and hardwired smoke detection system. Repair existing flat roof structure including flashing, gutters and downspouts. Construct entry vestibule and storage addition, adding second bathrooms to 3-bedroom units. Install exterior building insulation and insulated roofing membrane to meet energy reduction goals. Enlarge utility access openings and crawl space including new gravel sub-base, and replacement of existing heating distribution lines beneath buildings.				
<u>PROJECT:</u> Whole neighborhood revitalization of 76 enlisted family quarters. (Current Mission)				
<u>REQUIREMENT:</u> This project is required to improve existing conditions of these enlisted family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of the quarters.				

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE March 1996
3. INSTALLATION AND LOCATION Vicenza Various, Italy		
4. PROJECT TITLE Family Housing Improvements		5. PROJECT NUMBER 31791
<p><u>CURRENT SITUATION:</u> These family housing units consist of 24 two-bedroom units at 83.6 net square meters (NSM) and 52 three-bedroom units at 88.3 NSM. Constructed in 1958, these 76 family housing units are deteriorated and require upgrade to extend their functional life. The existing kitchens are inefficiently laid out and do not provide sufficient storage space or floor and counter space for appliances, accessories and food preparation. Piping and mechanical systems are exposed, interior finishes are worn and plumbing fixtures are deteriorated. Electrical system are undersized and do not meet today's standards, posing a safety hazard. Units do not have adequate storage space, requiring personal belongings must be stored in hallways and around the bedrooms. Utility access openings and crawl space beneath each unit are constricted and have poor drainage making maintenance and repairs to utility systems very difficult. Roof leaks and excessive moisture are a direct result of deteriorating roof membranes, promoting extensive mold growth and increased health risks.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing increased maintenance costs and safety and health hazards, as well as increasing energy consumption and an overall diminished quality of life for soldiers and their families. This directly impacts morale and mission readiness as well as the retention and reenlistment rates of soldiers in the Southern European Task Force (SETAF).</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and no physical security and/or combatting terrorism (CBT/T) improvements are required. CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), "Design Criteria," dated 3 July 1994. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p>		
Installation Engineer: Mr. Richard M. Houle; 011-39-444-51-7606		

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
RENTAL GUARANTEE PROGRAM**

PURPOSE AND SCOPE

The CONUS Rental Guarantee program, formerly known as the Section 802 program, is authorized in Section 2836 of PL 102-190, December 5, 1991. It permits the Army to guarantee 97 percent occupancy of housing units constructed under this authority at CONUS locations.

PROGRAM SUMMARY

A 276-unit project at Kaneohe MCAS, Hawaii, is fully occupied. Five hundred additional units are authorized, and continued authorization in FY 97 is requested.

March 1996

ARMY FAMILY HOUSING
FY 97 SECTION 2836 (802) FAMILY HOUSING SUMMARY

LOCATION	NO. UNITS AUTHORIZED	FY OF INITIAL AUTHORIZATION	DATE OF AWARD	DATE OF FULL OCCUPANCY	FY 95 UNITS	FY 96 UNITS	FY 97 UNITS
Kaneohe MCAS, Hawaii	276	1987	Jun-91	Nov-92	276	276	276
Oahu, Hawaii	500	1991	NA	NA			
TOTAL 2836	776	NA	NA	NA	276	276	276

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
PLANNING AND DESIGN**

	(\$ In Thousands)
FY 1997 Program	2,963
FY 1996 Program	2,000

PURPOSE AND SCOPE

This program provides funding for working drawings, specifications, cost estimates, project planning reports, final design drawings of family housing construction projects, and review of construction proposals. Also included are architectural and engineering services in connection with new family housing or post acquisition construction and costs incurred in developing requests for proposals. Additionally, these funds will be used to plan and design future year projects for new construction, improvements, and energy conservation.

PROGRAM SUMMARY

Appropriation and authorization are requested for \$2,963,000 in FY 97 to fund family housing construction planning and design.

The FY 97 funds will provide for final design of FY 97 and FY 98 projects, and for initial concept designs of the FY 99 and FY 00 programs to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 97 planning and design program supports the Army's continuing emphasis on the whole neighborhood revitalization program. Revitalization projects require a greater degree of planning and design than do new construction projects. This is necessary to ensure modernization and upgrade requirements, including supporting utilities and infrastructure, are efficiently and effectively integrated into existing structures of differing conditions.

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**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
OPERATIONS, UTILITIES AND MAINTENANCE**

(\$ In Thousands)

FY 1997 Program	984,944
FY 1996 Program	1,091,745

PURPOSE AND SCOPE

Operations Accounts. The operating accounts portion of the program provides for expenses in the following subaccounts and includes both direct and indirect support, as applicable:

1. Management - Provides resources for family housing management, installation administrative support and for services provided by Community Homefinding, Relocation, and Referral Services. Includes housing requirements surveys, condition assessments of existing housing, and development of family housing construction and repair projects. Also includes the installation and operation of the Housing Operations Management Systems (HOMES) to support effective housing management.
2. Services - Provides basic installation service support functions such as refuse collection and disposal, pest control, snow removal and street cleaning. Includes the cost of family housing's proportionate share of police and fire protection.
3. Furnishings - Provides for procurement, management, control, moving and handling of furnishings; plus maintenance, repair, and replacement of the existing furnishings inventory.
4. Miscellaneous - Provides payments to operate non-Department of Defense housing units occupied by Army personnel overseas.

Utilities Account. The utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. It also includes the costs to operate boiler plants and sewage systems used solely by family housing.

March 1996

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
OPERATIONS, UTILITIES AND MAINTENANCE (continued)**

Maintenance Account. The maintenance account provides funding for the following activities required to maintain family housing real property assets:

1. Dwellings - Includes service calls, routine maintenance, annual repairs, interior and exterior painting, between occupancy maintenance, repairing/restoring damage caused by fires or storms, and major repair work including projects deferred in prior years.
2. Exterior Utilities - Includes costs for maintenance and repair of sewer and water lines, primary and secondary electric lines, and other exterior utilities exclusively for use by family housing.
3. Other Real Property - Includes work on grounds, surfaced areas, and other real property serving family housing.
4. Incidental Improvements - Includes low-cost minor (incidental) improvements for less than \$3,000 per dwelling unit normally performed concurrently with maintenance and repair projects. Also includes modifications to quarters to meet the needs of exceptional family members.

Reimbursement Authority. This account provides authority to incur additional costs for services and repair of damages to be reimbursed by collecting of payments from Federal and non-Federal sources.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$984,944,000 for FY 1997. This amount, together with estimated reimbursements of \$21,000,000, will fund the Operations and Maintenance program of \$1,005,944,000. A summary follows (\$ in thousands):

<u>Operations</u>	<u>Utilities</u>	<u>Maintenance</u>	<u>Total Direct</u>	<u>Reimburse- ment</u>	<u>Total Program</u>
188,660	270,391	525,893	984,944	21,000	1,005,944

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
OPERATIONS, UTILITIES AND MAINTENANCE (continued)**

The FY 97 operations, utilities, and maintenance programs include the following major initiatives:

1. Continuing the operation, maintenance, and improvement of the Housing Operations Management System (HOMES), an Army-wide computer system designed to support all phases of housing management. On-going initiatives include making HOMES more user friendly, improving management output reports, and establishing methods for system improvements and changes.
2. Continuing efforts to identify adequate housing in communities which is affordable for the soldier. Where shortages exist, housing surveys are reviewed and project proposals are developed to request new construction, or leasing of additional housing for military families.
3. Supporting the Army Energy Conservation goal of 1.5 percent. Utility consumption per unit is being reduced as a result of energy conserving repair and revitalization projects.
4. Continuing the Quarters Cleaning Initiative (QCI) which helps limit expensive, overseas temporary lodging allowances (TLA) to three days in lieu of the ten day maximum. As a result, QCI program costs are more than offset by large savings in TLA accounts. The program also shortens the period between occupancy, which creates savings in other housing allowance accounts.
5. Continuing the program to revitalize the family housing inventory by emphasizing the accomplishment of all annual, recurring maintenance and repair. Concurrently, work planned to upgrade units to current construction standards incorporates deferred maintenance and repairs. The result extends the useful life of the quarters, reduces future maintenance and utility costs, and increases occupancy in the out-years.
6. Since FY 92, reductions in Army Family Housing inventory have kept pace with, or exceeded reductions in active component military strength. In FY 92, the Army's military strength included

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**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
OPERATIONS, UTILITIES AND MAINTENANCE (continued)**

approximately 711,000 active component members; the family housing inventory included nearly 187,000 units. By the end of FY 97, military strength will be approximately 495,000 and the housing inventory will be at 137,000 units. While active component strength decreased 30% over this period, the Army reduced its family housing inventory by 27%. Notwithstanding inventory reductions already accomplished, the Army will continue to aggressively pursue removing units which are either excess to requirements or are uneconomical to repair.

MARCH 1996

FAMILY HOUSING, ARMY
OPERATIONS AND MAINTENANCE, SUMMARY (WORLD-WIDE)
 Excludes Leased Units and Costs
 FY 1997

A. INVENTORY DATA	FY 95 ACTUAL	FY 96 APPROPRIATION	FY 97 BUDGET REQUEST
UNITS IN BEING BOY	132,445	124,558	122,153
UNITS IN BEING EOY	124,558	122,153	120,848
UNITS REQUIRING O&M FUNDING:			
a. Coterminous U.S.	83,693	82,030	80,963
b. U.S. Overseas	12,608	12,712	12,720
c. Foreign	28,257	27,411	27,165
d. Worldwide	124,558	122,153	120,848
B. FUNDING REQUIREMENT	TOTAL COST (\$000)	TOTAL COST (\$000)	TOTAL COST (\$000)
	UNIT COST (\$)	UNIT COST (\$)	UNIT COST (\$)
1. OPERATIONS			
a. Management	83,213	84,726	84,678
b. Services	51,623	53,243	53,684
c. Furnishings	46,658	48,822	49,057
d. Miscellaneous	730	1,286	1,241
SUBTOTAL - GROSS OBLIGATIONS	182,224	188,077	188,660
2. UTILITIES	267,185	271,376	270,391
3. MAINTENANCE			
a. Annual Recurring M&R	194,615	193,223	194,842
b. Major M&R Projects	99,466	384,439	275,982
c. Exterior Utilities	20,612	20,548	20,738
d. M&R, Other Real Prop.	28,749	28,540	28,745
e. Alts. & Additions	5,565	5,542	5,587
SUBTOTAL MAINTENANCE	349,007	632,292	525,893
4. FOREIGN CURRENCY LOSSES/SAVINGS	45,244		4,328
5. APPROPRIATION	798,416	1,091,745	984,944
6. REIMBURSABLE PROGRAM	15,325	24,000	21,000
7. TOTAL O&M PROGRAM	858,985	1,115,745	1,005,944
			8,279

EXHIBIT FH-2

MARCH 1996

FAMILY HOUSING, ARMY
OPERATIONS AND MAINTENANCE, SUMMARY (CONUS)
Excludes Leased Units and Costs
FY 1997

A. INVENTORY DATA	FY 95 ACTUAL		FY 96 APPROPRIATION		FY 97 BUDGET REQUEST	
	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)
UNITS IN BEING BOY		85,123		83,693		82,030
UNITS IN BEING EOY		83,693		82,030		80,963
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Management	48,536	575	50,047	604	49,246	604
b. Services	26,418	313	29,031	350	28,387	348
c. Furnishings	9,585	114	10,862	131	10,382	127
d. Miscellaneous	75	1	81	1	87	1
SUBTOTAL - GROSS OBLIGATIONS	84,614	1,002	90,021	1,086	88,102	1,081
2. UTILITIES	110,694	1,311	120,575	1,455	117,497	1,442
3. MAINTENANCE						
a. Annual Recurring M&R	116,707	1,383	118,006	1,424	118,615	1,455
b. Major M&R Projects	65,870	780	247,953	2,992	174,297	2,139
c. Exterior Utilities	12,267	145	12,404	150	12,468	153
d. M&R, Other Real Prop.	19,293	229	19,508	235	19,608	241
e. Alts. & Additions	3,628	43	3,668	44	3,687	45
SUBTOTAL MAINTENANCE	217,765	2,580	401,538	4,846	328,676	4,033
4. FOREIGN CURRENCY LOSSES/SAVINGS						
5. APPROPRIATION	413,073	4,894	612,134	7,387	534,275	6,556
6. REIMBURSABLE PROGRAM	10,485	124	14,000	169	14,000	172
7. TOTAL O&M PROGRAM	423,558	5,018	626,134	7,556	548,275	6,728

MARCH 1996

FAMILY HOUSING, ARMY
OPERATIONS AND MAINTENANCE, SUMMARY (U.S. Overseas)
Excludes Leased Units and Costs
FY 1997

A. INVENTORY DATA	FY 95		FY 96		FY 97	
	ACTUAL		APPROPRIATION		BUDGET REQUEST	
UNITS IN BEING BOY	12,468		12,608		12,712	
UNITS IN BEING EOY	12,608		12,712		12,720	
B. FUNDING REQUIREMENT						
	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)
1. OPERATIONS						
a. Management	8,478	676	9,932	785	10,185	801
b. Services	4,416	352	5,830	461	5,956	468
c. Furnishings	5,791	462	6,395	505	6,343	499
d. Miscellaneous	<u>171</u>	<u>14</u>	<u>171</u>	<u>14</u>	<u>171</u>	<u>13</u>
SUBTOTAL - GROSS OBLIGATIONS	18,856	1,504	22,328	1,764	22,655	1,782
2. UTILITIES	33,213	2,649	34,826	2,751	35,912	2,824
3. MAINTENANCE						
a. Annual Recurring M&R	33,732	2,690	35,082	2,771	36,012	2,832
b. Major M&R Projects	6,662	531	52,293	4,131	45,947	3,613
c. Exterior Utilities	4,282	342	4,453	352	4,571	360
d. M&R, Other Real Prop	3,359	268	3,493	276	3,586	282
e. Alts. & Additions	<u>867</u>	<u>69</u>	<u>902</u>	<u>71</u>	<u>926</u>	<u>73</u>
SUBTOTAL MAINTENANCE	48,902	3,900	96,224	7,601	91,043	7,160
4. FOREIGN CURRENCY LOSSES/SAVINGS						
5. APPROPRIATION	100,971	8,053	153,378	12,115	149,610	11,765
6. REIMBURSABLE PROGRAM	<u>559</u>	<u>45</u>	<u>2,000</u>	<u>158</u>	<u>1,000</u>	<u>79</u>
7. TOTAL O&M PROGRAM	101,530	8,098	155,378	12,273	150,610	11,844

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FAMILY HOUSING, ARMY
OPERATIONS AND MAINTENANCE, SUMMARY (Foreign)
Excludes Leased Units and Costs
FY 1997

A. INVENTORY DATA	FY 95 ACTUAL		FY 96 APPROPRIATION		FY 97 BUDGET REQUEST	
	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)
UNITS IN BEING BOY	34,854		28,257		27,411	
UNITS IN BEING EOY	28,257		27,411		27,165	
B. FUNDING REQUIREMENT	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)
1. OPERATIONS						
a. Management	26,199	830	24,747	889	25,247	925
b. Services	20,789	659	18,382	660	19,341	709
c. Furnishings	31,282	991	31,565	1,134	32,332	1,185
d. Miscellaneous	484	15	1,034	37	983	36
SUBTOTAL - GROSS OBLIGATIONS	78,754	2,496	75,728	2,721	77,903	2,855
2. UTILITIES	123,278	3,907	115,975	4,167	116,982	4,287
3. MAINTENANCE						
a. Annual Recurring M&R	44,176	1,400	40,135	1,442	40,213	1,474
b. Major M&R Projects	26,934	854	84,193	3,025	55,738	2,043
c. Exterior Utilities	4,063	129	3,691	133	3,699	136
d. M&R, Other Real Prop.	6,097	193	5,539	199	5,550	203
e. Alts. & Additions	1,070	34	972	35	974	36
SUBTOTAL MAINTENANCE	82,340	2,609	134,531	4,833	106,174	3,891
4. FOREIGN CURRENCY LOSSES/SAVINGS	45,244					
5. APPROPRIATION	329,616	10,446	326,234	11,721	301,059	11,033
6. REIMBURSABLE PROGRAM	4,281	136	8,000	287	6,000	220
7. TOTAL O&M PROGRAM	379,141	12,015	334,234	12,008	307,059	11,253

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
HISTORIC HOUSING COSTS

	<u>DU's</u>	(\$000) <u>FY (97)</u>
A. Non GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	332	22,440
- Maintenance and Repair	61	2,714
B. GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	0	0
- Maintenance and Repair	162	5,482
C. Grand Total	555	30,636

This exhibit provides information regarding maintenance and repair cost to housing units designated as historically significant under the provisions of the National Historical Preservation Act, P.L. 89-665 as amended. The costs for non-GFOQs do not include recurring maintenance and repair work. The costs for GFOQs include both line item improvements and all estimated maintenance and repair costs.

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**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
OPERATIONS ACCOUNT**

	(\$ In Thousands)
FY 1997 Program	188,660
FY 1996 Program	188,077

The operations account represents the day-to-day cost of providing services to family housing. The FY 1997 program was developed using prescribed inflation, civilian pay raise, and foreign currency formulation rates. To the extent known, adjustments have been made for base closures and overseas force structure draw downs. Each operations subaccount is described in the following analysis:

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MANAGEMENT SUBACCOUNT

(\$ In Thousands)	
FY 1997 Program	84,678
FY 1996 Program	84,726

The FY 97 request for the management subaccount is based on level of effort in prior years required for housing staffs, referral services, housing surveys, environmental studies, and project planning.

**RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5**

		(\$ Million)
FY 95 OBLIGATIONS		\$83.2
Pricing		+4.4
Inflation	+1.5	
Civilian Pay Raise	+1.1	
Foreign Currency	+1.8	
(1.72DM/\$ to 1.57DM/\$)		
Program Change		-2.9
Inventory Reduction	-3.7	
Program Adjustment	+0.8	
FY 96 APPROPRIATION		\$84.7
Pricing		+3.0
Inflation	+1.1	
Civilian Pay Raise	+1.0	
Foreign Currency	+0.9	
(1.57DM/\$ to 1.45DM/\$)		
Program Change		-3.0
Inventory Reduction	-0.9	
Program Adjustment	-2.1	
FY 97 BUDGET REQUEST		\$84.7

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MANAGEMENT SUBACCOUNT (Continued)

Rationale for Changes in the Management Account

Pricing adjustments are based on the OSD prescribed foreign currency, inflation, and civilian pay raise rates. Program adjustments reflect inventory reductions due to the European drawdown, base realignment and closure (BRAC) actions, and a minor change in budget estimating procedures.

SERVICES SUBACCOUNT

(\$ In Thousands)	
FY 1997 Program	53,684
FY 1996 Program	53,243

The FY 97 request is based on the required level of support for refuse collection, street cleaning, fire protection, pest control, and custodial services. The requirements and adjustments are outlined below.

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

		(\$ Million)
FY 95 OBLIGATIONS		\$51.6
Pricing		+2.9
Inflation	+1.5	
Foreign Currency	+1.4	
(1.72DM/\$ to 1.57DM/\$)		
Program Change		-1.3
Inventory Reduction	-2.9	
Program Adjustment	+1.6	
FY 96 APPROPRIATION		\$53.2
Pricing		+2.1
Inflation	+1.2	
Foreign Currency	+0.9	
(1.57DM/\$ to 1.45DM/\$)		
		-1.6
Program Change		
Inventory Reduction	-0.8	
Program Adjustment	-0.8	
FY 97 BUDGET REQUEST		\$53.7

March 1996

SERVICES SUBACCOUNT (Continued)

Rationale for changes in the Services Subaccount

Pricing adjustments are based on the OSD prescribed inflation and foreign currency rates. Program decreases reflect inventory adjustments, including reductions in Europe, base realignments and closures (BRAC), and internal program actions.

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FURNISHINGS SUBACCOUNT

	(\$ In Thousands)
FY 1997 Program	49,057
FY 1996 Program	48,822

The furnishings subaccount is primarily used for controlling, managing, moving and handling, maintaining, and repairing household equipment (i.e., refrigerators, ranges, and, where authorized at OCONUS locations, washers and dryers) for family quarters throughout the Army. In addition, furniture items such as beds, tables, dressers, etc., are authorized for OCONUS locations.

RECONCILIATION OF INCREASES AND DECREASES EXHIBIT OP-5

		(\$ Million)
FY 95 OBLIGATIONS		\$46.7
Pricing		+3.5
Inflation	+1.3	
Civilian Pay Raise	+0.1	
Foreign Currency	+2.1	
(1.72DM/\$ to 1.57DM/\$)		
Program Change		-1.4
Inventory Reduction	-3.7	
Program Adjustments	+2.3	
FY 96 APPROPRIATION		\$48.8
Pricing		+2.8
Inflation	+1.0	
Civilian Pay Raise	+0.1	
Foreign Currency	+1.7	
(1.57DM/\$ to 1.45DM/\$)		
Program Change		-2.5
Inventory Reduction	-0.8	
Program Adjustment	-1.7	
FY 97 BUDGET REQUEST		\$49.1

March 1996

FURNISHINGS SUBACCOUNT (Continued)

Rationale for Changes in the Furnishings Account

Pricing adjustments are based on the OSD prescribed foreign currency, inflation and civilian pay raise rates. Program changes reflect furnishings support provided to both government owned quarters world-wide and military and Army civilian personnel residing on the economy in USAREUR and EUSA.

MISCELLANEOUS SUBACCOUNT

(\$ In Thousands)	
FY 1997 Program	1,241
FY 1996 Program	1,286

The FY 97 request includes funds for permit payments for housing units and/or trailer spaces occupied by U.S. soldiers in foreign locations, or provided by state, municipal, or foreign governments. The request also includes resources to pay for fire insurance to the Federal Republic of Germany, required by NATO Status of Forces Agreement.

**RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5**

		(\$ Million)
FY 95 OBLIGATIONS		\$0.7
Pricing		+0.6
Inflation	+0.1	
Foreign Currency	+0.1	
(1.72DM/\$ to 1.57DM/\$)	+0.4	
Program Adjustment		
FY 96 APPROPRIATION		\$1.3
Pricing		+0.2
Inflation	+0.1	
Foreign Currency	+0.1	
(1.57DM/\$ to 1.45DM/\$)		
Program Change		-0.3
Program Adjustments	-0.3	
FY 97 BUDGET REQUEST		\$1.2

Rationale for Changes in the Miscellaneous Account

Pricing adjustments are based on the OSD prescribed foreign currency and inflation rates. Program decreases reflect internal adjustments.

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**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
UTILITIES ACCOUNT**

(\$ In Thousands)	
FY 1997 Program	270,391
FY 1996 Program	271,376

This program provides for all utility services for Army Family Housing. Services include electricity, natural and propane gas, steam/hot water, fuel oil, coal, water and sewage. These are must-pay costs and are essential to keep family quarters occupied.

**RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5**

		(\$ Million)
FY 95 OBLIGATIONS		\$266.6
Pricing		+17.8
Non-Fuel Inflation	+7.7	
Fuel Price Adjustment	+2.2	
Foreign Currency (1.72DM/\$ to 1.57DM/\$)	+7.9	
Program Change		-13.0
Inventory Reduction	-16.5	
Energy Consumption		
Reduction Goal	-4.0	
Program Adjustment	+7.5	
FY 96 APPROPRIATION		\$271.4
Pricing		+17.4
Non-Fuel Inflation	+7.9	
Fuel Price Adjustment	+2.2	
Foreign Currency (1.57DM/\$ to 1.45DM/\$)	+7.3	
Program Change		-18.4
Inventory Reduction	-4.0	
Energy Consumption		
Reduction Goal	-4.0	
Program Adjustment	-10.4	
FY 97 BUDGET REQUEST		\$270.4

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ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
UTILITIES ACCOUNT (continued)

Rationale for changes in the Utilities Account

The energy consumption reduction goal of 1.5 percent has been considered in the program. It is anticipated that the established energy reduction goals between FY 85 and FY 97 will be met (30% reduction FY 85-05). Savings realized as a result of energy conserving repair and improvement projects completed in prior years will continue to help achieve the energy reduction goals.

Fuel price adjustments and non-fuel inflation are computed at the OSD prescribed rates. Inventory adjustments are based on BRAC, reductions in Europe and Panama. The inventory reductions are leveling out which means less reduction in the utility requirement.

Program adjustments are due to unanticipated changes in inventory and severe weather which affected energy use predictions.

March 1996

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
MAINTENANCE ACCOUNT**

	(\$ In Thousands)
FY 1997 Program	525,893
FY 1996 Program	632,292

The value of family housing assets maintained by the Army exceeds \$18 billion in replacement costs. Ensuring that these facilities can be continuously occupied requires sound property management and timely recurring maintenance for preservation and protection of this major investment.

**RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5**

	(\$ Million)
FY 95 OBLIGATIONS	\$349.0
Unfunded FY 95 Requirements	185.7
DMAR Containment (Inflation & Deterioration)	+43.0
Annual Maintenance Requirement	<u>+492.3</u>
Total FY 96 Requirement	\$535.3
FY 96 APPROPRIATION	\$632.3
FY 96 DMAR Reduction	97.0
DMAR Containment (Inflation & Deterioration)	+37.2
Annual Maintenance Requirement	<u>+496.0</u>
Total FY 97 Requirement	\$533.2
FY 97 DMAR Increase	7.3
FY 97 BUDGET REQUEST	\$525.9

March 1996

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATES
MAINTENANCE ACCOUNT (continued)**

After experiencing inadequate funding for maintenance and repair during FY 94 and FY 95, the Army made a deliberate decision to transfer funding in FY 96 from new construction and revitalization to maintenance and repair. This maintenance and repair funding will allow quick fixes to existing units and their associated infrastructure, thus sustaining the enduring inventory.

Funding in FY 96 for maintenance and repair was adequate to meet the annual maintenance requirement and to eliminate some of the backlog of deferred maintenance and repair (DMAR)..

The FY 97 budget request for maintenance limits growth in DMAR, and does not reduce the existing rate of deterioration. Previous limited maintenance funding and high occupant turnover rates have accelerated deterioration of family quarters and the supporting infrastructure. Limited funding in recent years has also resulted in piece-meal or temporary repairs while more permanent solutions were deferred. Our renewed emphasis on timely maintenance and repairs is essential to ensure quarters are available for occupancy.

The Army initiated whole-house and whole-neighborhood revitalization projects to bring existing facilities up to new construction standards. The projects combine all improvements with required maintenance and repairs, minimize quarters downtime and eliminate frequent disruptions to residents for piece-meal work. Each unit revitalized eliminates approximately \$5,000 in accumulated DMAR.

March 1996

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
SUMMARY OF DEFERRED MAINTENANCE AND REPAIR**

	(\$ Million)		
	<u>FY 95</u>	<u>FY 96</u>	<u>FY 97</u>
Beginning of Year DMAR	600	749	621
Revitalization Reduction	-6	-5	-3
DMAR Inventory Reduction	-44	-44	-11
Foreign Currency Revaluation Adjustment	<u>-7</u>	<u>+18</u>	<u>0</u>
Revised Beginning of Year DMAR	543	718	607
DMAR Containment (Inflation & Deterioration)	32	43	37
Annual Maintenance Requirement	<u>+523</u>	<u>+492</u>	<u>+496</u>
Total Maintenance Requirement	555	535	533
Total Maintenance Financed	<u>-349</u>	<u>-632</u>	<u>-526</u>
Change in DMAR	+206	-97	+7
End of Year DMAR (Rev. Beginning of Year DMAR plus Change in DMAR)	749	621	614
DMAR Per Dwelling Unit (\$000)	5.8	5.0	4.9

March 1996

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1. COMPONENT ARMY		FY 1997 MILITARY CONSTRUCTION PROJECT DATA			2. DATE March 1996	
3. INSTALLATION AND LOCATION Various Locations - Worldwide				4. PROJECT TITLE AFH Maintenance and Repair Projects over \$15,000 per Dwelling Unit		
5. PROGRAM ELEMENT 887420		6. CATEGORY CODE 771		7. PROJECT NUMBER Congressional Report Request		8. PROJECT COST (\$000) \$8,604.0
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
<u>Projects for Repairs to</u> Family Housing Dwelling Units (Non General/Flag Officer Qtrs (GFOQ))				DU	295	— \$8,604.0
10. Description of Proposed Construction Projects include work necessary to provide adequate family quarters by repairing/replacing deteriorated building components, i.e., windows, electrical, mechanical, and sanitary systems, light fixtures, chimneys, gutters and downspouts, and porches as required. Replacement of building components in quarters designated as historically significant are performed on life cycle analysis, as applicable, in coordination with the State Historical Preservation Office. 11. Requirement for Project: PROJECT: Provides repair in 295 non-GFOQ units by replacing deteriorated components and/or building systems.						

March 1996

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA	2. DATE March 1996
3. INSTALLATION AND LOCATION Various Locations - Worldwide		
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)		5. PROJECT NUMBER P1920
<p><u>REQUIREMENTS:</u> Projects are required to accomplish necessary repairs in family quarters to correct deficiencies due to continued use, deterioration or failure of building components. The work proposed is the type necessary to assure continued occupancy, adequately maintain the facility, prevent the unit from further deterioration and is based on life cycle analysis of the component.</p> <p><u>CURRENT SITUATION:</u> These units vary in age up to 158 years. The buildings are structurally sound and worthy of investment; however, the facility components and utility systems are deteriorated to the extent that maintenance is no longer effective, and major repairs or replacement of components are required. Type of repairs to be performed are based on a cost analysis.</p> <p><u>NOTE:</u> This information is provided in accordance with the House Appropriation Committee, Report 104-137, June 13, 1995, requiring the Services to report major repairs in family quarters where the costs (obligations) exceed \$15,000 per dwelling unit in a fiscal year. GFOQs are reported separately where the total obligations for maintenance and repair during the fiscal year will exceed \$25,000. The project listing allows for execution of the projects in FY 97. Work required in family quarters designated as historically significant, has been identified and is being performed in consultation with applicable State Historic Preservation Offices.</p>		

1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA					2. DATE March 1996	
3. INSTALLATION AND LOCATION Various Locations - Worldwide							
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)						5. PROJECT NUMBER P1920	
DESCRIPTION OF WORK TO BE ACCOMPLISHED							
STATE	NO.	YEAR	(\$000) AVE D.U.	AVG D.U.	TOTAL PROJECT	(\$000) TOTAL	(\$000) CONCUR
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>
<u>DISTRICT OF COLUMBIA</u>							
Fort McNair Historical (PN 45359)	2	1838	25.0	2,537	5,074	50.0	0.0
Repair dwelling units by replacing deteriorating framing, wood decking, support columns, wood fascia, wood ceilings, strip and paint the front and rear porches. Work also includes repair lintel with rebar, epoxy injection, scale/resurface concrete steps and platforms. Major M&R + PAC past 5 years: None.							
<u>GEORGIA</u>							
Fort McPherson Historical (PN 44732)	4	1889- 1910	136.0	3,254	13,016	544.0	0.0
Repair dwelling units by repairing or replacing windows, electrical and sanitary systems, gutters and downspouts, cracked and deteriorated light fixtures, standing seam roofs, broken tiles on tile roofs, and repairing chimneys to include the lining. Major M&R + PAC past 5 years: None.							
Fort McPherson Historical (PN 46492)	2	1889	510.0	3,345	6,690	510.0	0.0
Repair dwelling units by repairing or replacing windows, electrical and sanitary systems, gutters and downspouts, cracked and deteriorated light fixtures, standing seam roofs, broken tiles on tile roofs, and repairing chimneys to include the lining. Major M&R + PAC past 5 years: None.							

March 1996

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1. COMPONENT ARMY	FY 1997 MILITARY CONSTRUCTION PROJECT DATA						2. DATE March 1996	
3. INSTALLATION AND LOCATION Various Locations - Worldwide								
4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$15,000 per Dwelling Unit (DU)						5. PROJECT NUMBER P1920		
DESCRIPTION OF WORK TO BE ACCOMPLISHED								
STATE	NO.	YEAR	(\$000) AVE D.U.	AVG D.U.	TOTAL PROJECT	(\$000) TOTAL	(\$000) CONCUR	
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>	
<u>VIRGINIA</u>								
Fort Myer Historical (PN 26910)	2	1900	105.0	1,453	2,905	210.0	0.0	
Repair dwelling units by renovating kitchens and bathrooms to include the replacement of plumbing, fixtures, windows, floor coverings, upgrade electrical systems including fixtures, removal of asbestos and lead-based paint and repaint. Work also includes the replacement of water pipes, fan coil units, and water chiller. Major M&R + PAC past 5 years: None.								
<u>KOREA</u>								
Pusan (PN 46541)	93	1947- 1962	21.0	1,360	126,457	1,950.0	0.0	
Repair dwelling units by replacing interior water piping system including valves, joints, and connections. Work also includes the replacement of water heaters, sinks, wash tubs, and the removal of asbestos. Major M&R + PAC past 5 years: None.								
Pusan (PN 46543)	48	1959	17.5	1,426	68,430	840.0	0.0	
Repair dwelling units by replacing the single-packaged cooling units of the central air-conditioning system. Major M&R + PAC past 5 years: None.								
Pusan (PN 46546)	93	1947- 1962	33.3	1,360	126,457	3,100.0	0.0	
Repair dwelling units by replacing the roof. Work includes the removing the existing roof and replacing the sheathing, roofing felt, insulation, and asphalt shingles. Work also includes the abatement of asbestos. Major M&R + PAC past 5 years: None.								

March 1996

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**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)**

**WHERE ANTICIPATED MAINTENANCE AND REPAIR
OBLIGATIONS WILL EXCEED \$25,000 PER DWELLING UNIT**

This information is provided in accordance with the reporting requirement as stated in the Military Construction Appropriations Bill Report 104-137, June 13, 1995. This section provides information regarding the anticipated costs for those GFOQs where maintenance and repair obligations in FY 97 are expected to exceed \$25,000 per dwelling unit. Maintenance and repairs include recurring work (service calls, preventive maintenance, and routine work between occupancy), as well as major repairs. Fifty-six GFOQs are listed below with a total maintenance and repair cost of \$3,958,110. The majority of the Army's GFOQs were built prior to the current size limitations, therefore, they are generally larger than the more contemporary structures. In quarters designated as historic, major work is coordinated with the appropriate State Historic Preservation Office. The Army has stewardship for historic dwelling units and a legal responsibility under the provisions of the National Historic Preservation Act, P.L. 89-665 as amended, to preserve and maintain these units. Deferring required repairs will accelerate the rate of deterioration, increase the final cost of repairs, and preclude compliance with Congressionally directed preservation responsibilities. Experience has shown that it is more cost effective to execute one large repair project on a unit to eliminate the deficiencies in lieu of programming multiple smaller projects spread over several years. The Army's process eliminates unnecessary maintenance and repair projects prior to the Congressional budget submission. These repairs are necessary to ensure that quarters are maintained in a safe, sanitary and livable condition. Failure to make these repairs will critically impact the condition of these quarters, which may eventually render them uninhabitable.

March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)
PROJECT LISTING

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

ARIZONA

Fort Huachuca

(PN 42902)

135 Grierson	3,332	yes	1884	\$76,100	-	-
137 Grierson	4,036	yes	1884	\$76,100	-	-
139 Grierson	3,119	yes	1884	\$76,100	-	-

Maintenance and repairs include service calls - \$5,000; routine and preventive maintenance - \$1,000; installation of central air conditioning, replaces antiquated high maintenance heating system and window air conditioners - \$68,300; grounds maintenance - \$1,800.

DISTRICT OF COLUMBIA

Fort McNair

1 Second Ave	3,184	yes	1903	\$26,000	-	-
--------------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$6,000; routine and preventive maintenance - \$10,000; renovation of guest bathroom - \$10,000.

(PN 44702)

13 Second Ave	3,169	yes	1903	\$31,000	-	-
---------------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$6,000; routine and preventive maintenance - \$5,000; design of FY 98 whole house renovation project - \$20,000.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

DISTRICT OF COLUMBIA (cont)
Fort McNair (cont)

(PN 44703)

15 Second Ave	3,169	yes	1903	\$31,000	-	-
---------------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$6,000; routine and preventive maintenance - \$5,000; design of FY 98 whole house renovation project - \$20,000.

(PN 45359/46514)

21-2 Third	2,601	yes	1838	\$92,500	-	-
------------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$10,000; renovation of guest bathroom - \$10,000, interior painting - \$8,000, repair of porch - \$25,000, renovation of kitchen - \$30,000; design of bathroom/kitchen renovations - \$3,500.

GEORGIA

Fort McPherson

(PN 35058)

10 Staff Row	7,327	yes	1891	\$139,300	-	-
--------------	-------	-----	------	-----------	---	---

Maintenance and repairs include service calls - \$2,400; routine and preventive maintenance - \$1,500; major renovation and repair project to include renovation of bathrooms - \$14,400; restoration of windows - \$45,000; rewire quarters - \$23,500; replacement of plumbing - system - \$52,000 (includes major renovations for 5 bathrooms); replace light fixtures - \$500.

March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW	
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

NORTH CAROLINA

Fort Bragg

(PN 46406/42785)

2 Adams	2,970	yes	1930	\$66,300	-	-
---------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine maintenance and change of occupancy maintenance - \$8,700; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000; kitchen renovation - \$20,000.

(PN 46406)

4 Adams	2,470	yes	1930	\$39,800	-	-
---------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine and preventive maintenance - \$2,200; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

(PN 46406)

1 Armistead	2,722	yes	1930	\$39,800	-	-
-------------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine and preventive maintenance - \$2,200; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

NORTH CAROLINA (cont)

(PN 46406)

7 Armistead	2,970	yes	1930	\$39,800	-	-
-------------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine and preventive maintenance - \$2,200; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

(PN 46406)

2 Capron	2,463	yes	1930	\$39,800	-	-
----------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine and preventive maintenance - \$2,200; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

(PN 46406)

24 Capron	2,463	yes	1930	\$46,500	-	-
-----------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine maintenance and change of occupancy maintenance - \$8,900; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

NORTH CAROLINA (cont)
Fort Bragg (cont)

(PN 46404)

1 Dupont	2,722	yes	1930	\$46,500	-	-
----------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine maintenance and change of occupancy maintenance - \$8,900; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

(PN 46406)

2 Dupont	2,722	yes	1930	\$39,800	-	-
----------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine and preventive maintenance - \$2,200; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

(PN 46406/42822)

5 Dupont	2,722	yes	1930	\$59,800	-	-
----------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine and preventive maintenance - \$2,200; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000; kitchen renovation - \$20,000.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	TORIC	BUILT	REPAIRS	LEASE	WORK

NORTH CAROLINA (cont)
(Ft Bragg) (cont)

(PN 46406/42823)

1 Dyer	3,144	yes	1930	\$46,300	-	-
--------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine maintenance and change of occupancy maintenance - \$8,700; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

(PN 46406)

5 Dyer	2,471	yes	1930	\$46,500	-	-
--------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine maintenance and change of occupancy maintenance - \$8,900; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

(PN 46406/42818)

11 Dyer	2,471	yes	1930	\$59,800	-	-
---------	-------	-----	------	----------	---	---

Maintenance and repairs include service calls - \$1,600; routine and preventive maintenance - \$2,200; exterior repairs include repairing leaking basement, restoring windows, window casing, exterior doors, painting exterior and cleaning stucco - \$36,000; kitchen renovation - \$20,000.

March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

NORTH CAROLINA (cont)
(Ft Bragg) (cont)

(PN 46406)

15 Dyer	2,471	yes	1929	\$46,300	-	-
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Maintenance and repairs include service calls - \$1,600; routine maintenance and change of occupancy maintenance - \$8,700; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

(PN 46406/42823)

1 Hoyle	2,722	yes	1930	\$59,800	-	-
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Maintenance and repairs include service calls - \$1,600; routine and preventive maintenance - \$2,200; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000; kitchen renovation - \$20,000.

(PN 46406)

3 Hoyle	2,722	yes	1930	\$46,500	-	-
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Maintenance and repairs include service calls - \$1,600; routine maintenance and change of occupancy maintenance - \$8,900; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

NORTH CAROLINA (cont)

(Ft Bragg) (cont)

(PN 46406/42827)

5 Hoyle	2,722	yes	1930	\$59,800	-	-
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Maintenance and repairs include service calls - \$1,600; routine and preventive maintenance - \$2,200; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000; kitchen renovation - \$20,000.

(PN 46406)

7 Hoyle	2,722	yes	1930	\$46,500	-	-
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Maintenance and repairs include service calls - \$1,600; routine maintenance and change of occupancy maintenance - \$8,900; exterior repairs include repairing leaking basement, restoring windows, window casings, exterior doors, painting exterior and cleaning stucco - \$36,000.

OKLAHOMA

Fort Sill

(PN 44465)

564 Searby	3,547	yes	1934	\$51,700	-	-
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Maintenance and repairs include service calls - \$600; routine and preventive maintenance - \$3,100; repair deteriorated clay tile roof - \$40,000; and grounds maintenance - \$8,000.

March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW	
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

OKLAHOMA (cont)

Fort Sill (cont)

(PN 44465)

1310 Shanklin	3,785	yes	1911	\$48,600	-	-
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Maintenance and repairs include service calls - \$800; routine and preventive maintenance - \$3,000; repair/replace deteriorated historic wood windows - \$40,000; grounds maintenance - \$4,500; and install fan - \$300.

PENNSYLVANIA

Carlisle Barracks

(PN 33891/35239)

1 Marshall Rd	8,156	yes	1935	\$113,000	-	-
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Maintenance and repairs include service calls - \$3,000; exterior repair/repoint replace porch steps; repair failing plumbing; repair inefficient heating system making it energy efficient heating, ventilation, and air conditioning, repair deteriorating electrical service, asbestos removal, and repair garage doors - \$110,000.

(PN 42953)

3 Garrison	4,356	yes	1892	\$58,300	-	-
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Maintenance and repairs include service calls - \$2,500; routine and preventive maintenance - \$10,800; major project to repair deteriorating wiring, failing plumbing and repair inefficient heating and window air conditioning with energy efficient heating, ventilation, and air conditioning - \$45,000.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

TEXAS

Fort Sam Houston
(PN 44687)

2 Staff Post	3,749	yes	1881	\$184,510	-	-
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Maintenance and repairs include service calls - \$2,700; routine maintenance and change of occupancy maintenance - \$8,250; major renovation and repair project includes repair of plumbing - \$10,200; ground fault interrupter installation - \$3,500; interior electrical repairs - \$25,000; renovation of kitchen - \$30,000; complete renovation of bathrooms - \$25,000; restore large pocket doors in living/dining rooms - \$5,000; stripping of interior paint - \$8,000; stain and varnish interior wood - \$10,000; re-roof with standing seam and masonry restoration - \$32,800; repair exterior utilities - \$1,350; grounds maintenance - \$1,310; contingency and overhead costs - \$21,400.

VIRGINIA

Fort Belvoir

3 Fairfax	2,168	yes	1934	\$27,500	-	-
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Maintenance and repairs include service calls - \$1,200; routine maintenance and change of occupancy maintenance - \$10,300; renovation of guest bathroom - \$8,000; and renovation of master bath - \$8,000.

(PN 45424)

8 Woodlawn	2,035	yes	1935	\$61,500	-	-
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Maintenance and repairs include service calls - \$1,200; routine maintenance and change of occupancy maintenance - \$10,300; extensive roof replacement - \$50,000.

March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

VIRGINIA (cont)

Fort Belvoir (cont)

16 Woodlawn	2,168	yes	1934	\$27,600	-	-
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Maintenance and repairs include service calls - \$3,000; routine maintenance and change of occupancy maintenance - \$10,300; repair driveway - \$5,000; repair refuse wall - \$1,000; repair exterior doors - \$2,500; replace hot water heater - \$1,000; repair kitchen - \$4,000; restore foyer entrance to wood - \$800.

Fort Myer

(PN 42048)

2 Washington	3,618	yes	1899	\$77,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$10,000; interior painting - \$10,000; repair of front porch - \$24,000; replace entire porch roof - \$19,000; design costs for FY 98 roof repair project - \$8,000.

5 Grant Ave	3,405	yes	1903	\$30,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventive maintenance - \$9,000; exterior painting - \$9,000; design costs for FY 98 renovation of kitchen/guest bath project - \$6,000.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

VIRGINIA (cont)

Fort Myer (cont)

(PN 41278)

6 Grant Ave	7,365	yes	1908	\$140,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventive maintenance - \$9,000; roof replacement - \$125,000.

(PN 41278)

7 Grant Ave	4,707	yes	1908	\$84,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventive maintenance - \$9,000; roof replacement - \$69,000.

(PN 41278/43978)

8 Grant Ave	4,255	yes	1903	\$85,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventive maintenance - \$9,000; roof replacement - \$70,000;.

(PN 42637)

11A Jackson	2,742	yes	1892	\$37,100	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventive maintenance - \$5,000; renovation of exterior (slate, brick, wood) - \$26,100 in conjunction with Quarters 11B renovation.

March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

VIRGINIA (cont)

Fort Myer (cont)

(PN 42637)

11B Jackson	2,951	yes	1892	\$205,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$5,000; comprehensive renovation (to include mechanical systems upgrade, electrical/lighting upgrade, kitchen and powder room renovation, exterior repairs, structural repairs, waterproofing, and hazardous materials abatement) - \$194,000.

12A Jackson	2,701	yes	1892	\$46,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$10,000; renovation of guest bath and powder room - \$20,000; interior painting - \$10,000.

13A Jackson	1,980	yes	1903	\$48,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$8,000; renovation of master bathroom - \$10,000; replacement of storm windows and screens - \$10,000; repair of fascia - \$2,000; interior painting - \$10,000; design of FY 98 bathroom renovations - \$2,000.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

VIRGINIA (cont)

Fort Myer (cont)

13B Jackson	1,973	yes	1903	\$67,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$10,000; renovation of master bathroom - \$10,000; replacement of window screens - \$5,000; replacement of fan coil units - \$10,000; refinishing of wood floors - \$10,000; repair of fascia - \$5,000; interior painting - \$10,000; design of guest bathroom renovation - \$1,000.

14A Jackson	1,988	yes	1903	\$30,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine and preventive maintenance - \$5,000; design of FY 98 comprehensive renovation project - \$19,000.

16A Jackson	2,463	yes	1903	\$49,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$10,000; renovation of guest bathroom - \$10,000; interior painting - \$10,000; exterior painting - \$12,000; grounds maintenance while vacant - \$1,000.

16B Jackson	2,463	yes	1903	\$27,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and preventive maintenance - \$9,000; exterior painting - \$12,000.

March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>QTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

VIRGINIA (cont)
Fort Myer (cont)

(PN 44505)

23A Lee Ave	2,778	yes	1896	\$211,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$5,000; comprehensive renovation (to include mechanical systems upgrade, electrical/lighting upgrade, kitchen and powder room renovation, exterior repair, structural repair, waterproofing, and hazardous materials abatement) - \$200,000.

24B Lee Ave	2,682	yes	1896	\$35,000	-	-
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Maintenance and repairs include service calls - \$6,000; routine maintenance and change of occupancy maintenance - \$10,000; renovation of powder room - \$9,000; interior painting - \$10,000.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

BELGIUM (\$/BF 29.83)

Quarters 1	10,411	yes	1800	\$50,400	-	-
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Maintenance and repairs include service calls - \$15,600; routine and preventive maintenance - \$8,300; interior painting (includes wallpaper removal and painting of first floor, library, small dining room and the basement) - \$23,500; add electrical outlets outside and additional interior lighting - \$3,000.

GERMANY (\$/DM 1.45)

Garmisch

(PN 46578)

38 Haus	2,667	no	1936	\$151,500	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$3,500; interior and exterior renovations (includes repair of 23 wooden windows and 5 doors, renovation of 1 balcony; renovation of bathrooms and kitchen) - \$130,000; grounds maintenance - \$3,000; design cost for major renovation project in FY 02 - \$13,000.

Stuttgart

(PN 46544)

39 Richard	11,094	yes	1922	\$142,100	-	-
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Maintenance and repairs include service calls - \$3,600; routine and preventive maintenance - \$300; interior painting - \$8,000; repair windows - \$87,000; renovate kitchen - \$43,000; self-help - \$200.

March 1996

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW	
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

GERMANY (cont)

Heidelberg (cont)

(PN 34979)

37 San Jac.	2,370	no	1937	\$121,700	-	-
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Maintenance and repairs include service calls - \$700; routine maintenance and change of occupancy maintenance - \$1,500; repair of structural deficiencies to include: replacing bathrooms and kitchen, 110v and 220v electrical system due to failing wiring and not meeting German fire safety codes; replace potable water, sewer lines and radiators; install bathroom exhaust fans, dishwasher connections and under cabinet lighting - \$117,000; interior painting - \$1,000; grounds maintenance - \$1,500.

(PN 34979)

Bldg 15N.	2,414	no	1956	\$121,700	-	-
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Maintenance and repairs include service calls - \$700; routine maintenance and change of occupancy maintenance - \$1,500; repair of structural deficiencies to include: replacing bathrooms and kitchen, 110v and 220v electrical system due to failing wiring and not meeting German fire safety codes; replace potable water, sewer lines and radiators; install bathroom exhaust fans, dishwasher connections and under cabinet lighting - \$117,000; interior painting - \$1,000; grounds maintenance - \$1,500.

ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
GENERAL/FLAG OFFICER QUARTERS (GFOQs)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	<u>OTRS NO.</u>	<u>FOOTAGE</u>	<u>TORIC</u>	<u>BUILT</u>	<u>REPAIRS</u>	<u>LEASE</u>	<u>WORK</u>

GERMANY (cont)

(PN 34979)

5 Concord	2,414	no	1956	\$121,700	-	-
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Maintenance and repairs include service calls - \$700; routine maintenance and change of occupancy maintenance - \$1,500; repair of structural deficiencies to include: replacing bathrooms and kitchen, 110v and 220v electrical system due to failing wiring and not meeting German fire safety codes; replace potable water, sewer lines and radiators; install bathroom exhaust fans, dishwasher connections and under cabinet lighting - \$117,000; interior painting - \$1,000; grounds maintenance - \$1,500.

JAPAN (\$/Yen 105.85)

Camp Zama

Bldg 1000	4,194	no	1955	\$29,600	-	-
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Maintenance and repairs include service calls - \$2,000; routine and preventive maintenance - \$100; exterior painting - \$24,200; remove partition former maid's room - \$3,000; grounds maintenance - \$300.

KOREA (\$/Won 787.09)

Seoul (PN 46537)

Quarters 4433	3,669	no	1952	\$97,900	-	-
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Maintenance and repairs include service calls - \$1,100; routine maintenance and change of occupancy maintenance - \$16,800; renovation of kitchen and laundry room to include replacement of deteriorated cabinets, countertops, electrical wiring, plumbing liner and fixtures, appliances and installed equipment, flooring and doors - \$53,000; installation of exterior rigid insulation to cover deteriorated exterior surface and provide increased energy savings - \$27,000.

March 1996

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ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
REIMBURSABLE AUTHORITY

(\$ In Thousands)	
FY 1997 Program	21,000
FY 1996 Program	24,000

The reimbursable program provides for the collection and use of payments for utilities and services, routine maintenance and repair, rents associated with the use of government housing and trailer pads by authorized occupants, and damages caused by occupant negligence. A new initiative is being pursued to house civilians in excess units in USAREUR on a reimbursable basis. This initiative should not require additional collection authority.

The following table shows the source of receipts for the family housing account.

	<u>FY 95</u>	<u>FY 96</u>	<u>FY 97</u>
Non-Federal Sources	12,724	15,840	13,860
Federal Sources	2,601	8,160	7,140

March 1996

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**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
LEASING PROGRAM**

(\$ In Thousands)

FY 1997 Program	227,515
FY 1996 Program	243,840

PURPOSE AND SCOPE

The purpose of the leasing program is to provide family housing at both domestic and foreign locations when additional housing is needed to satisfy a housing deficit and the local economy cannot provide adequate support. The leasing program, authorized by 10 U.S.C. 2828, provides for the payment of rent, operating, and maintenance costs of privately owned quarters assigned to military families as government quarters. The program also includes funds needed to pay for services such as utilities, refuse collection, and maintenance when these services are not part of the contract agreement.

The Army continues to rely on the private sector to meet the majority of housing needs. Where private sector rental markets cannot meet Army requirements, and cost effective alternatives do not exist, short and long-term leases are utilized. In high cost areas and overseas, the Army relies extensively on the leasing program to obtain housing when existing military family housing is fully occupied and private sector housing is not affordable.

PROGRAM SUMMARY

Authorization is requested for the appropriation of \$227,515,000 to fund leases and related expenses in FY 97. A summary of the leasing program follows:

Lease Type	<u>FY 95</u>		<u>FY 96</u>		<u>FY 97</u>	
	<u>Leases Supported</u>	<u>Cost \$000</u>	<u>Leases Supported</u>	<u>Cost \$000</u>	<u>Leases Supported</u>	<u>Cost \$000</u>
Domestic	292	3,080	111	1,310	118	1,828
Sec. 2835	4,280	55,249	4,080	57,717	4,080	55,236
Foreign	11,680	156,871	11,960	170,427	11,649	170,451
Contingent Liability	0	0	0	14,386	0	0
TOTAL	16,252	215,200	16,151	243,840	15,847	227,515

March 1996

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
LEASING PROGRAM**

Funds are required for the average number of units to be occupied during each fiscal year (determined by dividing the number of lease months occupied by 12) as follows:

	Average Number of Units		
	<u>FY 95</u>	<u>FY 96</u>	<u>FY 97</u>
Domestic	292	111	118
Section 2835	4,280	4,080	4,080
Foreign	8,902	8,952	9,378
GRHP	<u>2,778</u>	<u>3,008</u>	<u>2,271</u>
TOTAL	16,252	16,151	15,847

JUSTIFICATION:

1. Domestic Leasing. The domestic leasing program provides temporary housing for Army families pending availability of permanent housing. For example, leases in the Los Angeles area alleviate the excessive out-of-pocket expense for personnel assigned to this high cost area, and Ft. Huachuca is providing much needed three bedroom housing to offset the scarcity in the local community.

2. Section 2835. The Army leases family housing at seven installations under the provisions of 10 U.S.C. 2835, Long Term Leasing of Military Family Housing to be Constructed (formerly known as Section 801 housing). Under this program the Army leases family housing units from a private sector developer for up to 20 years. The units are then assigned as military housing to soldiers and their families. This program helped reduce our CONUS family housing deficit at sites where Army families were the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. The FY 97 budget request includes 4,080 occupied units.

3. Foreign Leasing. The FY 97 foreign leasing program request consists of 9,378 foreign leases, including 2,271 units in the Government Rental Housing Program (GRHP) in the European Theater. The majority of foreign leases are in Germany. The currency exchange budget rate is 1.45DM = \$1.00.

March 1996

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
LEASING PROGRAM (Continued)**

4. Governmental Rental Housing Program (GRHP). Under GRHP, the U.S. Government leases existing, individual housing units in Europe. There is no construction period as with the build-to-lease projects. The Army negotiates, executes and manages the lease contracts; assumes responsibility for all costs (deposits, rent, utilities, maintenance and services); and pays for damage claims (Army recovering from soldiers). Soldier occupants forfeit all housing allowances and agree to occupy GRHP leased housing for their entire tour. The lease is terminated when the soldier's tour ends. This program allows soldiers to be housed quickly, without large out-of-pocket expenses. There are no early termination costs.

**RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5**

		<u>(\$ Million)</u>
FY 95 OBLIGATIONS		\$215.2
Pricing		+20.2
Inflation	+6.2	
Foreign Currency	+14.0	
(1.72 DM/\$ to 1.57DM/\$)		
Program Change		+8.4
Inventory Reduction	-1.1	
Contingency Liability	+14.4	
Program Adjustment	-4.9	
FY 96 APPROPRIATION		\$243.8
Pricing		+18.0
Inflation	+7.3	
Foreign Currency	+10.7	
(1.57DM/\$ to 1.45DM/\$)		
Program Change		-34.3
Inventory Reduction	-4.3	
Program Adjustment	-30.0	
FY 97 BUDGET REQUEST		\$227.5

March 1996

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
LEASING PROGRAM (Continued)**

Rationale for Changes in the Leasing Account

Pricing adjustments are based on the OSD prescribed inflation and foreign currency rates. The program increase in FY 96 is due to a contingent legal liability in Europe. Program decreases reflect inventory reduction, internal program actions, anticipated execution, and elimination of contingent liability.

The types of Army family housing used in each locality depend upon available assets, often a mix of private rentals, government-owned, and leases.

The following table (Exhibit FH-4) summarizes authorizations and funds required in FY 97:

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
LEASING PROGRAM**

	FY 95		FY 96		FY 97	
	Units Supported	Months Purchsd (\$000)	Units Supported	Months Purchsd (\$000)	Units Supported	Months Purchsd (\$000)
DOMESTIC LEASING						
Ft. Lewis, WA (FORSCOM)	75	466	410	11	132	160
Oahu, HI (USARPAC)	110	1,320	1,491	0	0	0
Ft. Huachuca, AZ (TRADOC)	100	1,200	1,144	100	1,200	1,150
Miami, FL (USARSO)	0	0	0	0	0	0
Natick, MA (AMC)	7	84	35	0	0	0
Subtotal Domestic Leasing	292	3,070	3,080	111	1,332	1,310
Section 2835 (801)	4,280	51,360	55,249	4,080	48,960	57,717
Total Domestic Leasing	4,572	54,430	58,329	4,191	50,292	59,027
FOREIGN LEASING						
EUSA						
Korea	1,254	15,048	20,267	1,254	15,048	20,524
USARSO	69	828	667	24	288	375
Panama	603	7,236	6,908	489	5,868	5,953
USAREUR	6,347	76,164	84,319	6,526	78,312	92,113
Belgium/Netherlands	573	6,876	6,940	603	7,236	7,754
Germany	10	120	174	10	120	185
Italy	7,533	90,396	98,341	7,628	91,536	106,005
Turkey	2,778	33,336	36,714	3,008	36,096	42,237
Subtotal USAREUR	10,311	123,732	135,055	10,636	127,632	148,242
Govt Rental Hsg Prgm, Eur						
Total USAREUR	10,311	123,732	135,055	10,636	127,632	148,242

FY 1997 LEASING PROGRAM (CONTINUED)

	FY 95			FY 96			FY 97		
	Units	Months	Supported Purchased (\$000)	Units	Months	Supported Purchased (\$000)	Units	Months	Supported Purchased (\$000)
FOREIGN AREA OFFICERS									
Bangladesh	2	24	17	2	24	85	2	24	43
Botswana	1	12	26	1	12	40	1	12	43
Cameroon	1	12	31	1	12	42	1	12	45
China (Beijing)	1	12	38	1	12	45	2	24	114
Croatia	0	0	0	1	12	38	1	12	45
Czech (Prague)	2	24	30	2	24	51	2	24	54
Egypt	1	12	10	1	12	24	1	12	27
Greece	1	12	34	1	12	39	1	12	53
Hungary (Budapest)	1	12	15	2	24	41	2	24	44
India	1	12	22	1	12	37	1	12	40
Indonesia	2	24	63	1	12	30	1	12	33
Israel	1	12	30	1	12	32	1	12	35
Ivory Coast	2	24	17	4	48	120	4	48	128
Jordan	1	12	34	1	12	38	1	12	41
Kazakhstan	6	72	100	6	72	100	6	72	153
Kenya (MEDCOM)	2	24	28	2	24	22	2	24	25
Korea	1	12	29	1	12	32	1	12	40
Kuwait	2	24	34	2	24	52	2	24	55
Malawi/Malaysia	1	12	18	0	0	0	0	0	0
Morocco	1	12	23	1	12	30	1	12	33
Netherlands	3	36	37	1	12	39	2	24	42
Niger	1	12	33	1	12	30	1	12	42
Pakistan	1	12	0	1	12	18	1	12	21
Poland	0	0	31	1	12	23	1	12	26
Portugal	1	12	0	1	12	20	2	24	23
Romania	1	12	0	1	12	33	1	12	36
Russia	1	12	34	1	12	3	1	12	4
Saudi Arabia	1	12	20	1	12	4	2	24	38
Senegal	3	36	8	0	0	37	1	12	40
Tunisia	1	12	21	1	12	42	0	0	0
Turkey	1	12	21	1	12	33	1	12	45
Ukraine	1	12	42	1	12	46	1	12	36
Yugoslavia	1	12	32	1	12	32	1	12	34
Zaire	1	12	882	46	552	1,286	52	636	1,728
Zimbabwe	1	12	882	46	552	1,286	52	636	1,728
Turkey (TRADOC)	1	12	882	46	552	1,286	52	636	1,728
Israel (TRADOC)	1	12	882	46	552	1,286	52	636	1,728
Total Foreign Area Officer	46	552	882	46	552	1,286	52	636	1,728
Total Foreign Leasing	11,680	140,160	156,871	11,960	143,520	170,427	11,649	139,800	170,451
Contingency Liability			0			14,386			0
TOTAL LEASING PROGRAM	16,252	194,590	215,200	16,151	193,812	243,840	15,847	190,176	227,515

ARMY FAMILY HOUSING
FY 1997 Section 2835 (801) Family Housing Summary
(Dollars in Thousands)

Location	No. of Units	FY of Initial Auth	Date of Award	Date of Full Occup	FY 95		FY 96		FY 97		FY 97	
					Cost	Units	Cost	Units	Cost	Units	Cost	Units
Ft. Polk, LA	300	84	Dec 85	Nov 87	2,623	300	2,795	300	2,090			
Ft. Hood, TX	300	84	Mar 86	Jun 88	2,473	300	2,644	300	2,424			
Ft. Drum, NY	1,400	85	Aug 85	Dec 87	16,475	1,400	17,473	1,400	16,754			
Ft. Wainwright, AK	400	85	Jan 86	Oct 87	11,471	400	11,812	400	11,509			
Ft. Polk, LA	300	86	Sep 86	Jun 88	2,571	300	2,742	300	2,874			
Ft. Drum, NY	300	86	Sep 86	Jun 88	4,079	300	4,328	300	3,877			
Ft. Wainwright, AK	150	87	May 88	Nov 89	4,337	150	4,631	150	4,476			
Ft. Drum, NY	300	87	May 88	May 89	4,009	300	4,254	300	3,877			
Ft. Bliss, TX	150	87	Sep 89	Jun 91	1,587	150	1,361	150	1,624			
Ft. Bliss, TX	150	88	Sep 89	Jun 91	1,587	150	1,361	150	1,624			
Ft. McCoy, WI	80	88	Sep 89	Feb 92	1,335	80	1,449	80	1,352			
Ft. Bragg, NC	250	88	Sep 91	May 93	2,702	250	2,867	250	2,755			
Ft. Stewart, GA	200	88	Sep 91	Dec 94	0	200	0	0	0			
TOTAL	4,280	NA	NA	NA	55,249	4,280	57,717	4,080	55,236			

ARMY FAMILY HOUSING
FY 1997 Summary Sheet for High Cost Foreign Leases

<u>COUNTRY</u>	<u>LEASES</u>	<u>HIGH COST LEASES</u>	<u>FOREIGN CURRENCY</u>	<u>FY 88 RATE</u>	<u>FY 97 RATE</u>	<u>ADJUSTED**</u>
Belgium	458	13	Franc	42.770	29.830	\$28,676
Germany	8579	0	Deutsche Mark	2.060	1.450	\$28,414
Italy	795	3	Lira	1423.000	1582.030	\$17,990
Netherlands	478	2	Guilder	2.330	1.630	\$28,589

** The adjusted high cost cap is determined by multiplying \$20K times the FY 88 exchange rate divided by the FY 97 exchange rate. Leases exceeding this cap are counted against the number of high cost leases allowed.

Note: Foreign Area Officer Leases participate in the Department of State Housing Pool and are not subject to the maximum lease amounts cited for foreign leases in Section 2828(e)(1) of title 10, United States Code.
 Clarification of Participation in Department of State Housing Pools is discussed in Section 2806 of title 10, United States Code.

March 1996

**ARMY FAMILY HOUSING
FY 1997 BUDGET ESTIMATE
DEBT PAYMENT**

(\$ In Thousands)	
FY 1997 Program	7
FY 1996 Program	11

PURPOSE AND SCOPE

This program includes payments of Servicemen's Mortgage Insurance Premiums to the Federal Housing Administration for mortgages assumed by active military personnel for housing purchased by them. The Army has no outstanding debt for Capehart or Wherry mortgages.

PROGRAM SUMMARY

Authorization is required for the appropriation of \$7,000 in FY 1997.

JUSTIFICATION

This program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a service member dies while on active duty and leaves a surviving spouse as owner of the property. Payments extend for a period of two years after death, or until the spouse disposes of the property, whichever occurs first. The premium rate is 1/2 of 1 percent of the unpaid balance of the mortgage. This program was discontinued through Public Law 93-130 (Military Construction Appropriation Act, 1980) which allowed coverage only on existing mortgages obtained prior to FY 1980.

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

<u>FISCAL YEAR</u>	<u>MORTGAGES ON HAND</u>	<u>ESTIMATED TERMINATIONS</u>	(\$)	(\$000)
			<u>ESTIMATED AVERAGE PAYMENT</u>	<u>ESTIMATED PAYMENT FOR YEAR</u>
1995	23	8	325	8
1996	15	8	500	8
1997	7	3	930	7

March 1996

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PART III HOMEOWNERS ASSISTANCE

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February 1996

HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 1997 BUDGET ESTIMATE
SUMMARY

(In Thousands)

FY 1996 Program	\$ 75,586
FY 1997 Program	\$ 36,181

Program and Scope

This fund finances a program for providing assistance to homeowners by reducing their losses incident to the disposal of their homes when the military installations at or near where they are serving or employed are ordered to be closed or the scope of operations is reduced. It was established in recognition of the fact that base closure and reduction actions can have serious economic effects on local communities. Military, federal civilian personnel and Non-appropriated Fund employees, who are required to relocate as a result of or during such actions, frequently cannot dispose of their homes under reasonable terms and conditions, and suffer severe financial hardship.

In order to determine the effect of the closure or reduction action on local communities, a Market Impact Study (MIS) is performed. The MIS addresses market conditions and overall economic conditions relative to the closure or reduction action, and includes appraisals of area properties before and after the announcement. Factors in determining market impact include: a significant decline in real estate market value; significant increases in inventory of unsold houses, average number of days on the market; foreclosures; decrease in home sales; and inability of affected personnel to sell homes for the amount of the existing mortgage. If the MIS demonstrates sufficient impact on the market and establishes a causal relationship, a program is approved. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Benefits under the program include payment of partial compensation for losses sustained in the private sale of the dwelling; payment of the costs of a judicial foreclosure of a mortgage; or purchase

of dwelling by liquidating or assuming the outstanding mortgage. Although the program provides for acquisition of dwellings, the Government does so only for the accommodation of the applicant. The homes are then resold by the Government. Every effort is made to insure that each applicant is treated equally and receives the maximum benefits under the law as rapidly as practicable, but with a minimum expenditure of time and money for administration.

Program Summary

The FY 1997 budget requests authorization of appropriation and appropriation in the amount of \$36,181,000 to fund Homeowners Assistance Fund program expenses. Total program requirements for the FY 1997 program are estimated at \$163,400,000 and will be funded with requested budget authority, revenue from sales of acquired properties, and prior year unobligated balances. Program increases are primarily the result of bases and installations approved for closure and realignment. Future base closure actions will continue to have a significant impact on this account.

The Homeowners Assistance Fund, Defense (HOA) is a non-expiring revolving fund. As shown on the Program Financial Summary chart, the fund receives funding from several sources: appropriations, borrowing authority, reimbursable authority, prior fiscal year unobligated balances, revenue from sale of acquired properties, and recovery of prior year obligations. Program expenses include payments to homeowners for losses on private sales; cost of judicial foreclosure; property acquisition by liquidating and/or assuming outstanding mortgages; partial payment of homeowners' lost equity on government acquisitions; retirement of debt after sale of properties when the government assumed the mortgages; and administrative expenses.

The fund is not a profit-making endeavor. Although the proceeds from the sale of homes are returned to the fund, this revenue does not totally replenish it nor totally fund projected requirements. Since the Homeowners Assistance Fund is not self-sustaining, appropriated funds are required to maintain its solvency as a revolving fund. The FY 1997 budget request of \$36,181,000 is necessary to maintain the fund's solvency and fund FY 1997 program requirements.

February 1996

AUTHORIZATION AND
APPROPRIATION LANGUAGE
HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 1997

For use in the Homeowners Assistance Fund established pursuant to section 1013(d) of the Demonstration Cities and Metropolitan Development Act of 1966, as amended (42 U.S.C. 3374), [\$75,586,000] \$36,181,000, to remain available until expended.

The chart below is a summary of the funding for the FY 1995, FY 1996 and FY 1997

PROGRAM FINANCIAL SUMMARY			
	ACTUAL FY 1995	FY 1996	FY 1997
HOMEOWNERS ASSISTANCE FUND, DEFENSE			
I. PROGRAM RESOURCES			
New Appropriation Requested	0	75,586,000	36,181,000
Indefinite Borrowing Authority	0	0	0
Total Budget Authority Requested	0	75,586,000	36,181,000
II. REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
III. OTHER PROGRAM RESOURCES			
Prior FY Unobligated Balance Brought Forward	251,279,000	38,019,000	21,060,000
Anticipated Revenue from Sale of Real Property	59,708,000	106,082,000	127,219,000
Appropriation Transfers	0	0	0
Unobligated Balance Transferred to Others	(133,000,000)	0	0
Recovery of Prior Year Balances	3,632,000	0	0
IV. TOTAL PROGRAM RESOURCES	181,619,000	219,687,000	184,460,000
V. PLANNED PROGRAM EXECUTION			
Payments to Homeowners	11,288,000	24,527,000	21,278,000
Other Operating Cost	23,632,000	50,634,000	42,230,000
Acquisition of Real Property	108,098,000	123,466,000	99,892,000
Mortgages Assumed	582,000	0	0
Retirement of Debt - Authority Withdrawn	0	0	0
VI. TOTAL PLANNED PROGRAM EXPENSE	143,600,000	198,627,000	163,400,000
VII. ANTICIPATED EOY UNOBLIGATED			
Balance Carried Forward	38,019,000	21,060,000	21,060,000

Homeowners Asst Fund, Def.
Program and Financing (in Thousands of dollars)

00 MAR 96

Identification code	97-4090-0-3-051	1995 actual	1996 est.	1997 est.
Program by activities:				
Direct program:				
01.0101	Payment to homeowners (private sale and foreclosure assistant)	11,288	24,527	21,278
01.0201	Other operating costs	23,632	50,634	42,230
02.0101	Acquisition of real property	108,098	123,466	99,892
02.0201	Mortgages assumed	582		
02.9101	Total program	143,600	198,627	163,400
10.0001	Total obligations	143,600	198,627	163,400
Financing:				
Offsetting collections from:				
14.0001	Non-Federal sources (-)	-59,708	-106,082	-127,219
17.0001	Recovery of prior year obligations	-3,632		
21.9001	Unobligated balance available, start of year:	-251,279	-38,019	-21,060
	Unobligated balance, SOY: Fund balance			
	Unobligated balance available, end of year:	38,019	21,060	21,060
24.9001	Unobligated balance, EOY: Fund balance			
39.0001	Budget authority	-133,000	75,586	36,181
40.0001	Budget authority:			
41.0001	Appropriation	-133,000	75,586	36,181
41.0001	Transferred to other accounts (-)			
43.0001	Appropriation (adjusted)			
Relation of obligations to outlays:				
71.0001	Obligations incurred	83,892	92,545	36,181
72.1001	Orders on hand, SOY	-1,956	-2,810	
72.9001	Obligated balance, start of year: Obligated bad balance	17,255	23,864	45,005
74.1001	Orders on hand, EOY	2,810		
74.9001	Obligated balance, end of year: Obligated balalance	-23,864	-45,005	-11,223
77.0001	Adjustments in expired accounts (net)	-30		
78.0001	Adjustments in unexpired accounts	-3,632		
90.0001	Outlays (net)	74,475	68,594	69,963

Homeowners Asst Fund, Def.
Object Classification (in Thousands of dollars)

00 MAR 96

Identification code	97-4090-0-3-051	1995 actual	1996 est.	1997 est.
Direct obligations:				
Personnel compensation:				
111.801	Special personal services payments	4,394	13,286	10,642
121.001	Travel and transportation of persons	306	457	406
125.101	Advisory and assistance services	7,009	7,452	5,901
125.201	Other services with the private sector	11,923	29,439	14,216
132.001	Land and structures	108,680	123,466	110,957
142.001	Insurance claims and indemnities	11,288	24,527	21,278
199.001	Total Direct obligations	143,600	198,627	163,400
999.901	Total obligations	143,600	198,627	163,400